# Samsung T249R

## P O R T A B L E  Q U A D - B A N D

## M O B I L E  P H O N E

**User Manual**
**Please read this manual before operating your phone, and keep it for future reference.**

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The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

## IC Notice

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

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# Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voice mail.

## Activating Your Phone

When you subscribe to a cellular network, you are provided with a plug-in SIM card loaded with your subscription details, such as your PIN, available optional services, and many others features.

### *Installing the SIM Card*

Important!: The plug-in SIM card and its contacts information can be easily damaged by scratching or bending, so be careful when handling, inserting, or removing the card. Keep all SIM cards out of reach of small children.

If necessary, switch off the phone by pressing and holding until the power-off image displays.

1. Press forward on the cover in the direction of the arrow until you hear a “click” sound.

2. Carefully lift the battery cover away from the phone.

3. Lift and remove the battery.

4. Carefully slide the SIM card into the SIM card socket until the card locks into place. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown below.

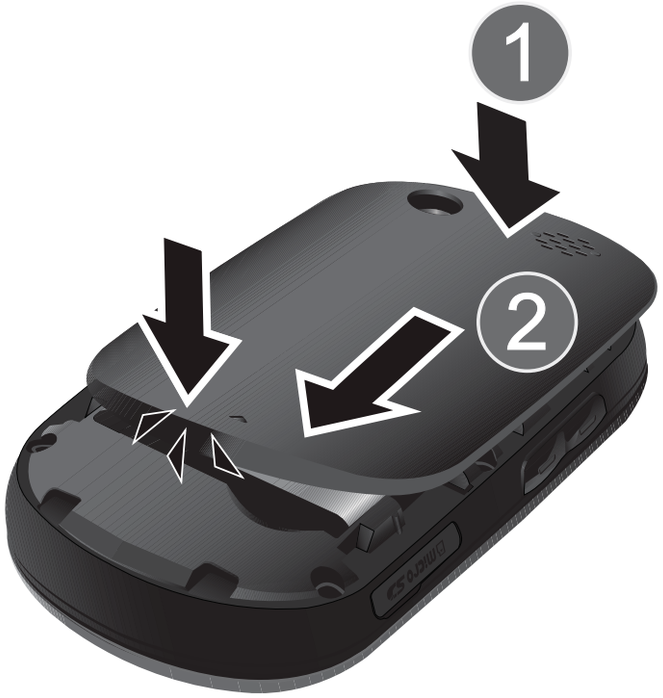
---

Note: If the card is not inserted correctly, the phone will not detect the SIM card. Remove the battery and re-orient the card back into the slot.

---

5. Replace the battery by sliding it back into the compartment so that the tabs on the end align with the slots at the bottom of the phone, then pressing down until it clicks into place.

6. Reinstall the battery cover by sliding it back onto the phone until you hear it securely click. Make sure the battery is properly installed before switching on the phone.



### *Charging a Battery*

Your phone is powered by a rechargeable Li-ion battery. A travel adapter, which is used for charging the battery, is included with your phone. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

You can use the phone while the battery is charging, but doing so requires additional charging time.

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Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 200 minutes.

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A standard battery allows up to 5 hours of talk time.

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Important!: Talk and standby times and other specifications are provided by the manufacturer and are approximate. Actual performance varies based upon features or services used, network configuration, signal strength, operating temperature, customer use, and other factors.

---

1. With the battery installed, temporarily remove the plastic cover on the right side of the phone and plug the travel adapter's connector into the jack.

---

Important!: Verify that the handset battery is installed prior to connecting the travel adapter. If the battery is not installed and the travel adapter is connected, the handset will power cycle continuously preventing proper operation.

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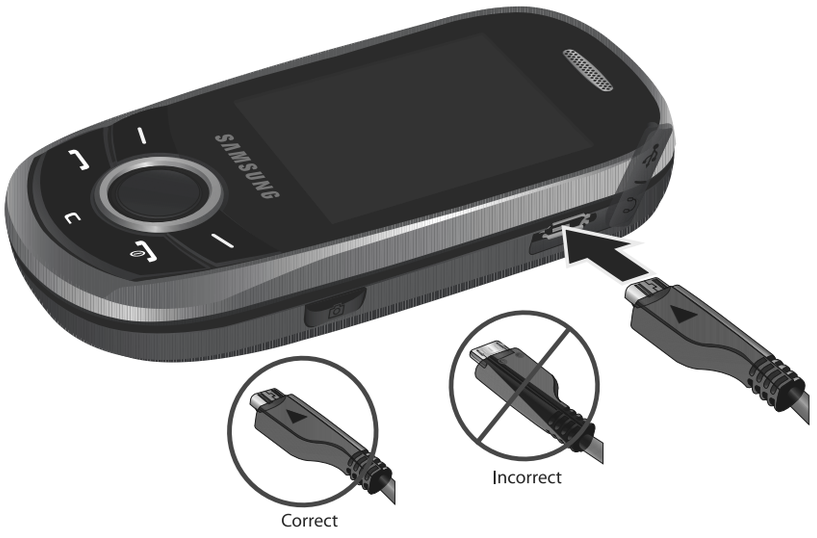
2. Plug the adapter's power plug into a standard AC wall outlet.



Note: The previous illustration displays the **incorrect** method for connecting the charger. If attempted, damage to the accessory port will occur therefore voiding the phone's warranty.

3. When charging is finished, unplug the adapter's power plug from the AC wall outlet, disconnect the travel adapter's connector from the phone, then replace the plastic cover over the interface jack on the phone.

Warning!: Failure to unplug the travel adapter before you remove the battery, can cause damage to the phone.

## *Low Battery Indicator*

When the battery is weak and only a few minutes of talk time remain; a warning tone sounds and the low battery message repeats at regular intervals on the display. In this condition, your phone conserves its remaining battery power by automatically entering the dimming mode.

When the battery level becomes too low, the phone automatically turns off.

## Switching the Phone On or Off

1. Press and hold until the phone switches on.
2. If the phone asks you to enter the phone password, use the keypad to enter your password and press OK or .
3. If the phone asks for a PIN, use the keypad to enter the PIN and press OK or . For further details, see *"Check PIN Code"* on page 81.

   The phone searches for your network and after finding it, the carrier name displays near the bottom of your screen. Now you can make or receive calls.

Note: The display language is preset to English at the factory. To change the language, use the Language menu. For more information, refer to *"Language"* on page 80.

4. When you wish to switch off the phone, press and hold until the power-off image displays.

## Setting Up Your Voice Mail

For new users, follow the instructions below to set up voice mail:

1. From Idle mode, press and hold 1 on the keypad.

   You may be prompted to enter a password.

2. Follow the tutorial to create a password, a greeting, and your name.

---

Note: These steps may be different depending on your network.

---

### *Accessing Your Voice Mail*

You can access your voice mail by either pressing and holding 1 on the keypad or by using the phone's menu. To access voice mail using the menu:

1. From Idle mode, press Menu ➔ Messages ➔ Voicemail and select Connect to voicemail. Your phone dials the specified voice mail number.

2. When connected, follow the voice prompts from the voice mail center.

# Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

## Features of Your Phone

Your phone is lightweight, easy-to-use and offers many significant features. The following list outlines a few of the features included in your phone.

- 1.3 megapixel camera with camcorder
- Bluetooth® wireless technology
- Expandable memory up to 16GB
- MP3 music player
- Pre-loaded games
- Picture and text messaging
- Slide out keypad

## Open View of Your Phone

The following illustrations show the main elements of your phone:

## Keys

The following list correlates to the illustrations.

1. **Receiver** allows you to hear a caller and the different ring tones or sounds provided by your phone.
2. **Left Soft key** allows you to select soft key actions or menu items corresponding to the bottom left line on the display screen.
3. **Send key** allows you to make or answer a call. From Idle mode, hold down to recall the last number dialed or received.

4. **Cancel/Clear key** deletes characters from the display. In Menu mode, this key returns you to the previous menu level.
5. **Voicemail key** allows you to quickly access your voice mail. Press and hold for two seconds to automatically dial your voicemail's phone number.
6. **Special function keys** allow you activate unique features while in Idle mode. In Idle mode, press and hold the # key to can turn on the Vibration Mode. Press and hold the * key to insert a Pause (P).
7. **Microphone** is used during phone calls to allow the other person to hear you when you are speaking to them. It is also used in making voice note recordings.
8. **Alphanumeric keys** allow you to enter numbers, letters, and some special characters.
9. **Power On/Off (Exit) key** ends a call. Press and hold this key for two seconds to turn your phone on or off. While in the Menu mode, it returns the phone to Idle mode and cancels your input.
10. **Right Soft key** allows you to select soft key actions or menu items corresponding to the bottom right line on the display screen. It also provides quick access to your contact list.
11. **OK (Select) key** allows you to accept the choices offered when navigating through a menu.
12. **Navigation key** scrolls through the phone's menu options and acts as a shortcut key from standby mode. In Menu mode, scrolls through the phone's menus and contact list.

    From Idle mode:

    - **Up key**: opens the camera.
    - **Down key**: opens the Contacts screen.
    - **Left key**: opens the Call History list.
    - **Right key**: opens the Create new message screen.

---

Tip: When entering text, use the **Left** or **Right** Navigation key to move the position of the cursor.

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13. **Display** shows all the information needed to operate your phone, such as the received signal strength, phone battery level, and time.

## Closed View of Your Phone

The following illustrations show the external elements of your phone:

1. Volume keys allow you to adjust the Ring volume in standby mode (with the phone open) or adjust the Speaker volume during a call. When receiving an incoming call, press to mute the ringtone or press and hold to reject the call.
2. Camera key allows you to take pictures when you are in camera mode. Press to launch the camera.
3. Power/Accessory Interface connector allows you to connect a power cable or optional accessories, such as a hands-free headset for convenient, hands-free conversations.

## Display Layout

Your phone's display screen provides a wealth of information about your phone's status and options. The display has 3 areas:

## Missed Messages Tabs

When you receive new messages, icons display in two locations on the phone's screen -- on the Missed Messages tabs that display on the lower portion of the screen and in the icon bar at the top of the screen. The tabs display missed calls, text messages, picture messages and voicemail messages.

## *Icons*

This list identifies the symbols you'll see on your phone's display screen:

Shows the received signal strength. The greater the number of bars, the stronger the signal.

Shows the level of your battery. The more bars you see, the more power you have remaining.

Displays when a new text message has been received.

Displays when a new voice mail has been received.

Displays when a new picture message has been received.

Displays when you are out of your service area or airplane mode is active.

Displays when a call is in progress.

Displays when the Call Forwarding feature is active. For more details, see "Call Forwarding" on page 84.

Displays when the Incoming call alert is set to vibration.

Displays when the Incoming call alert is set to Melody and vibration.

Displays when the Incoming call alert is set to Vibration then melody.

Displays when the Incoming call alert is set to Melody then vibration.

Displays when Silent Mode is active.

Displays when Vibration Mode is active.

Displays when Bluetooth wireless technology is active.

### *Backlight*

A backlight illuminates the internal display and the keypad. When you press any key, the backlight comes on. It dims and then turns off when no keys are pressed within a given period of time, depending on the setting within the **Backlight** menu.

The **On** setting is how long the keypad backlight is on and the screen is at full brightness. The **Dim** option is how much additional time the screen remains lit at reduced brightness after the keypad backlight goes off.

To specify the length of time the backlight is active, access the **Backlight** menu:

1. From Idle mode, press **Menu** and select **Settings** ➔ **Display Settings** ➔ **Light Settings** ➔ **Backlight Time**.
2. Highlight the **On** option. Use the **Left** or **Right** Navigation key to select the time the backlight is on. You may choose **10 sec**, **15 sec**, **30 sec**, **1 min**, **3 min**, or **10 min**.
3. Press the **Down** key to move to the **Dim** option. Use the **Left** or **Right** Navigation key to select the time the Dim mode is on. You may choose **Off**, **5 sec**, **15 sec**, **30 sec**, **1 min**, or **3 min**.
4. Press **Save** to retain the new settings.

# Section 3: Menu Navigation

This section explains the menu navigation for your phone.

## Menu Navigation

You can tailor the phone's range of functions to your needs using menus and sub-menus. Menus and sub-menus can be accessed by scrolling using the Navigation keys or by using shortcuts.

### *Accessing a Menu Function by Scrolling*

1. In Idle mode, press **Menu**.
2. Scroll using the Navigation keys to reach a main menu (for example: **Settings**). Press **Select** or .
3. Scroll using the Navigation keys to reach a menu (for example: **Phone Settings**). Press **Select** or to enter the menu. If the menu you selected contains further levels, repeat this step.
4. Press the **Up** and **Down** Navigation keys to scroll through the menus.
5. Press **Select** or to confirm a selection.
6. Press **Back** or to return to the previous menu level.
7. Press to exit the menu without changing the settings.

### *Using Shortcuts*

The menu items, such as sub-menus and options, are numbered and can be accessed quickly by using their shortcut numbers. On the main menu, you can access any menu by pressing the number key (1 to 9) corresponding to the location on the screen. In sub-menus, press the number key corresponding to the number of the menu item.

**Example:** Accessing the Music Player

1. From the idle screen, press **Menu**.
2. Press 4 GHI **Media**.
3. Press 1 **Music Player**.

This section describes how to make or answer a call. It also explains the features and functionality associated with making or answering a call. For more information on ringtones see “Call Ringtone” on page 75. For more information on Call Forwarding see “Call Forwarding” on page 84.

## Making a Call

- From the Idle screen, enter the number you wish to dial and press .

### *Making an International Call*

1. Press and hold . The + character displays.
2. Enter the country code, area code, and phone number.
3. Press to make the call.

### *Correcting the Number*

1. Press to clear the last digit displayed.
2. To clear any other digit in the number, press the **Left** or **Right** Navigation key until the cursor is immediately to the right of the digit to clear and then press . You can also enter a missing digit.
3. Press and hold to clear the entire display.

### *Ending a Call*

- When you want to finish your call, briefly press .

### *Redialing the Last Number*

The phone stores the numbers of the calls you’ve dialed, received, or missed if the caller is identified.

To recall any of these numbers:

1. If you typed characters on the display, press to return to Idle mode.
2. Press the **Left** Navigation key to display the Call history menu and select **All Calls**, **Missed Calls**, **Calls Made** or **Calls Received**. Calls are shown in the reverse of the order you dialed or received them.
3. Use the **Up** and **Down** Navigation keys to scroll through the numbers and highlight the number you want.

4. To view details of the number, press .

   Before you dial the number, you may also press **Options** to display the following options:

   - **Details:** displays additional information for the call, including date, time and duration.
   - **Call Back**: Places a call to the number.
   - **Send Message**: Allows you to send a Message.
   - **Save to Contacts**: Allows you to save the selected phone number to the Contacts list.
   - **Delete**: Allows you to delete the highlighted number or all call records.
   - **Add to Reject List**: Allows you to add the highlighted number to the Reject call list.

5. Press to dial the number.

### *Making a Call from the Phonebook*

You can store regularly used phone numbers into the phone's memory or onto your SIM card. These entries are collectively called the Phonebook.

Once you have stored a number in Contacts, you can dial it by pressing only a few keys. You can also assign your most frequently-used numbers to number keys using the Speed Dial feature.

For further details about the Phonebook feature, see "Understanding Your Phonebook" on page 32.

## Adjusting the Call Volume

During a call, use the Volume keys on the left side of the phone to adjust the speaker volume.

- Press the **Up** volume key to increase the volume level and **Down** volume key to decrease the level.

---

**Tip:** From Idle mode, you can also adjust the ring volume using these keys.

---

## Answering a Call

When somebody calls you, the phone rings and displays the incoming call image.

The caller's phone number, or name if stored in Phonebook, is then displayed.

1. Press or **Accept** to answer the incoming call.

---

Note: To reject an incoming call, press **Reject** or .

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2. Press to end the call.

---

Note: You can answer a call while using the Phonebook or menu features. After ending the call, the phone returns to the function screen you were previously using.

---

## Call history

All missed, dialed and answered calls are listed in the Call history.

- From Idle mode, press **Menu** and select **Call history**.

The following options are available:

### *All calls*

This menu lets you view the most recent calls you missed, dialed, and answered.

The name and number, if stored in Contacts, displays with the number of occurrences for each number.

---

Note: At any time while you are in Call Records, you may use the **Left** or **Right** Navigation keys to scroll between **All calls**, **Missed calls**, **Calls Made**, and **Calls Received**.

---

### *Missed calls*

This menu lets you view the most recent calls you received, but did not answer. The name and number, if stored in Contacts, displays with the number of occurrences for each number.

#### Viewing Missed Calls

When you are unable to answer a call for any reason, you can find out who called, if this service is available, so that you can call the person back.

The number of calls you missed displays on the idle screen immediately after a call is missed (if the display is off, press the Volume key to activate the display).

To view a list of missed calls:

1. From Idle mode, press Menu and select Call history ➔ Missed calls. A list of recently missed calls is displayed.
2. Press the Up or Down Navigation key to scroll through the missed calls.
3. Press to call the highlighted number or press Options for the following options:
   - Details: displays additional information for the call, including date, time and duration.
   - Call back: Places a call back to the number.
   - Send message: Allows you to send a Message.
   - Save to contacts: Allows you to save the selected phone number to the Contacts list.
   - Delete: Allows you to delete the selected number or delete all call records.
   - Add to Reject list: Allows you to add the highlighted number to the rejected call list.

---

Tip: You can press at any time to exit the Missed Call feature.

---

*Call Made*

This menu lets you view the most recent calls you dialed.

The name and number, if already stored to Contacts, displays with the number of occurrences for each number.

*Calls Received*

This menu allows you to view the most recently answered calls. The name and number, time and date, displays with the number of occurrences for each number.

*Call Time*

1. From Idle mode, press Menu and select Call history ➔ Call Time.The following times display:
   - Last Call Time: shows the length of time for the last call.
   - Total Sent: shows the total length of time for calls sent.
   - Total Received: shows the total length of time for calls received.
   - Total Time: shows the total length of time for calls sent and received.

2. To reset the Last Call Time, Total Sent or Total Received counter, highlight the counter and press **Reset** ➔ **Yes**. Enter the phone password and press **OK**. For information on setting a phone password, see “Change Phone Password” on page 82.

## Vibration Mode

Vibration Mode is convenient when you wish to stop the phone from making any noise, in a theater for example. In Vibration Mode, instead of sounds, your phone vibrates.

From Idle mode, press and hold # until the “**Vibration mode on**” message and ( ) display.

To exit and reactivate the previous sound settings, press and hold # again until the “**Vibration mode off**” message displays. The Vibration Mode icon ( ) no longer displays.

## Selecting Functions and Options

Your phone offers a set of functions that allow you to customize it. These functions are arranged in menus and sub-menus, accessed using the two soft keys. Each menu and sub-menu allows you to view and alter the settings of a particular function.

### *Soft Keys*

The roles of the soft keys vary depending on the function you are currently using. The labels on the bottom line of the display just above each key indicate their current role.

Press the Left soft key to access the main menu

Press the Right soft key to access the web browser.

### Selecting Options

To view the various functions and options available, you must select the one you want:

1. Press the appropriate soft key.
2. Press Select or ● to select the function displayed or the highlighted option.
3. Press the Down Navigation key to view the next function or highlight the next option on a list
4. Press the Up Navigation key to move back to the previous function or option on a list.
5. Press the Back soft key to move up one level in the menu structure.
6. Press ⏻ to exit the menu structure without changing the settings.
7. In some functions, you may be asked for a password or PIN. Enter the correct code and press the OK soft key or ●.

When you access a list of options, your phone highlights the currently active option. If there are only two options, such as On/Off or Enable/Disable, your phone highlights the option that is not currently active, so that you can select it directly.

## *Options During a Call*

Your phone provides a number of control functions that are available for use during a call.

### Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

---

Example: You wish to say something to a person in the room but do not want the person on the phone to hear you.

---

To switch the microphone off temporarily:

- Press Mute.
  The other person can no longer hear you. The Mute icon ( ) displays in the call box at the bottom of the screen.

To switch the microphone back on:

- Press Unmute. The other person can hear you again.

## Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while you have a call in progress if your network supports this service.

To place a call on hold:

1. Press Options and select Hold.
2. Press Resume to reactivate the call whenever you want.

To make a new call while you have a call in progress:

- Press Options, select New Call and dial the second call.

  The first call is automatically placed on hold.

When you have both an active call and a call on hold, you may switch between the two calls by placing the current held call to active and then placing the other on hold.

To switch between the two calls:

1. Press Options and select Swap. The current active call is placed on hold and the call on hold is reactivated so you can continue talking.
2. Press to finish and end each call normally.

## Using the Speakerphone

While on a call, you can use the Speakerphone to converse without holding the phone to your ear or to allow more than one person to take part in the conversation.

- To turn on the speakerphone, press .
- To turn the Speakerphone off, press again.

## Muting or Sending Key Tones

These options allow you to turn off transmission of the DTMF (Dual Tone Multi-Frequency) tones of the keys, which then allows you to press keys without hearing annoying key tones during a call.

- To turn off key tones, press Options and select Mute keys.
- To turn on the key tones, press Options and select Send keys.

Note: To communicate with answering machines or computerized telephone systems, the Send DTMF option must be selected.

### Searching for a Number in Contacts

You can search for a number in Phonebook during a call.

1. Press Options and select Contact list.

With the Phonebook entries displayed:

2. Enter the name to locate in the field above the entries. If you enter the first few letters of the name, the Contact entries list starting with the first entry matching your input.

   – or –

   Use the Up or Down Navigation key to highlight a contact.

3. Press View to display contact information.

For further details about the Contact feature, see “Finding a Contact Entry” on page 33.

### Call Waiting

You can answer an incoming call while you have a call in progress, if this service is supported by the network and you must have previously set the Call waiting option to Activate. For more information, refer to *“Call Waiting”* on page 85.

You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

1. Press Accept or to answer the incoming call. The first call is automatically placed on hold.
2. Press Options and select Swap to switch between the two calls.
3. Press Options and select End held call to end a call on hold.
4. Press to end the current or remaining call.

### Making a Multi-Party Call

A multi-party call is a network service that allows up to six people to take part simultaneously in a multi-party or conference call.

For further details about subscribing to this service, contact T-Mobile customer service.

### Setting up a Multi-Party Call

1. Call the first participant in the normal way.
2. Press **Options** ➔ **New Call**.
3. Call the second participant in the normal way. The first call is automatically placed on hold.
4. To join the first participant to this multi-party call, press **Options** and select **Join**.

---

**Note:** These first two calls are then grouped together on screen and displayed with an adjacent number corresponding to the order in which the calls were made.

There is a maximum of two callers that can be joined to a single multi-party line. You cannot create two multi-party calls.

---

### Having a Private Conversation With One Participant

When you have two participants in a multi-party session, it might be necessary to place one of those participants on hold so that a private conversation can be held with the other participant. To have a private conversation:

1. Press **Options**, highlight **Split**, then press the Right **Navigation** key.
2. Highlight the participant you wish to talk to privately and press .

---

**Note:** You can now talk privately to that person while the other participants can continue to converse with each other. If there is only one other participant, that person is then placed on hold.

---

3. To return to the multi-party call, press **Options** and select **Join**. All of the multi-party call participants can now hear each other again.

### Dropping One Participant

1. Press **Options**, highlight **Remove**, and press the right **Navigation** key.
2. Highlight the number to drop and press .
3. Press to end the multi-party call.

# Section 5: Entering Text

This section outlines how to select the desired text input mode when entering characters into your phone. It also describes how to use the T9 predictive text system to reduce the number of key strokes associated with entering text.

## Changing the Text Input Mode

When using your phone, you often need to enter text, such as when storing a name in Contacts, creating your personal greeting or scheduling events on your calendar. You can enter alphanumeric characters by using your phone's keypad.

Your phone has the following text input modes:

- T9 (English): this mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter; for example, pressing 5 JKL can enter J, K, or L. However, the T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring far fewer keystrokes than the traditional ABC mode. When in T9 mode, the available selection includes: T9Ab (initial capital on the first word in a sentence), T9AB (all upper case),T9ab (all lower case), or 123 (number entry).
- ABC mode: this mode allows you to enter letters by pressing the key labeled with the letter you want one or more times. When in ABC mode, the available selection includes: Abc (initial capital on the first word in a sentence), ABC (all upper case), abc (all lower case), or 123 (number entry).
- Number: this mode allows you to enter numbers.
- Symbol: this mode allows you to enter symbols, such as punctuation marks.

When you are in a field that allows characters to be entered, the text input mode indicator displays at the bottom right of the screen.

---

Example: Writing a text message.

---

- To change between text input modes, press the right soft key and select T9, ABC mode, Number, or Symbol.
- To select initial capital, all caps, all lower case, or number entry, press # (indicated at the top right side of the screen).
- To enter symbols, press and hold *.
- To add a space, press 0 .

## Using T9 Mode

T9 is a predictive text input mode that allows you to enter any character using single keystrokes. This text input mode is based on a built-in dictionary.

To enter a word in T9 mode:

1. Start entering a word by pressing the 2 to 9 keys. Press each key only once for each letter.

---

Example: To enter “Hello” in T9 mode, press the 4, 3, 5, 5, and 6 keys.

---

The word that you type displays on the screen and may change with each consecutive key press.

2. Enter the whole word before editing or deleting the keystrokes.
3. If the word displays correctly, go to step 4.

   If the word doesn’t display correctly, press * to display alternative word choices for the keys that you pressed.

Example: Both the words “Of” and “Me” use the 6 and 3 keys. The phone displays the most commonly used choice first.

4. Press 0 + to insert a space and start entering the next word.

To add a new word into the T9 dictionary:

1. After pressing the keys corresponding to the word you want to add, press * to display any alternative words. When you press * after the last alternative word, the screen displays Spell on the bottom left line.
2. Press Spell.
3. Enter the word you want to add using ABC mode. For more information, refer to *“Changing the Text Input Mode”* on page 27.
4. Press OK.

   The word is added to the T9 dictionary and becomes a word for the associated keypress series.

Note: This feature may not be available for some languages. The 1 key has some emoticons associated with it. To enter other special characters within the T9 mode, press and hold * to cycle through these characters.

- To enter periods, hyphens, apostrophes, and other special characters, press 1 and then press * to cycle through these available characters. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, press #. There are 3 cases: Initial capital, Upper case, and Lower case. The case displays in the upper, right corner of the screen.
- You can move the cursor using the Navigation keys. To delete letters, press C. Press and hold C to clear the display.

## Using ABC Mode

To use ABC mode, use the 2 to 9 keys to enter your text.

1. Press the key labeled with the letter you want:
   - Once for the first letter, twice for the second letter, etc.
2. Select additional letters in the same way.
   - Press and hold * to enter periods, hyphens, apostrophes, and other special characters. ABC mode applies grammar rules to ensure correct punctuation.

- Press # to shift case in ABC mode. There are 3 cases: Initial capital, Upper case, and Lower case.

You can move the cursor using the Navigation keys. Press C to delete letters. Press and hold C to clear the display.

---

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, wait for a few seconds until the cursor moves to the right automatically, and then select the next letter.

---

*Keys*

By default, the first letter of an entry is capitalized and all consecutive letters are kept in lowercase (unless the Shift key is used). After a character is entered, the cursor automatically advances to the next space after two seconds or when you enter a character on a different key.

Characters scroll in the following order (lowercase characters shown in parentheses):

| | |
|---|---|
| 1 . , - ? !@ : ( ) / 1 | 7 PQRS P Q R S 7 (p q r s 7) |
| 2 ABC A B C 2 (a b c 2) | 8 TUV T U V 8 (t u v 8) |
| 3 DEF D E F 3 (d e f 3) | 9 WXYZ W X Y Z 9 (w x y z 9) |
| 4 GHI G H I 4 (g h i 4) | 0 ± 0 (press and hold) (Adds a space) |
| 5 JKL J K L 5 (j k l 5) | * Symbol (press and hold) |
| 6 MNO M N O 6 (m n o 6) | # Shift (Toggles Lower/Uppercase) |

## Using Number Mode

The Number mode enables you to enter numbers into a text message.

- Press the keys corresponding to the digits you want to enter.

## Using Symbol Mode

Symbol mode enables you to insert symbols and punctuation marks into text. To display a list of symbols, press and hold * .

1. To select a symbol, press the corresponding number key.
2. To display more symbols, press the Navigation keys.
3. To clear the symbol(s), press C . When the input field is empty, this key returns the display to the previous mode.
4. To insert the symbol(s) into your message, press OK or .

# Section 6: Understanding Your Phonebook

This section explains how to use and manage your Contact list. You can save phone numbers to your phone's memory or to your SIM card.

The default storage location for saving phone numbers to your Contacts list is your phone's built-in memory. You can also save your numbers to your SIM card or have the phone prompt you to choose between Phone or SIM card when creating a contact entry. For information on how to change this setting, see "Default saving" on page 37. Also, numbers that are stored on your SIM card can be copied to your phone's memory.

Note: The phone displays all contacts stored in phone memory and on your SIM card. If you copy a phone number from your SIM card to your phone, the number will appear twice in your Contact list.

Note: When storing a Contact list entry into your SIM card, note that only the Name, and Number are saved. To save additional information for a particular contact, such as notes, e-mail address, etc., the Contact must be saved to your phone's onboard memory.

## Storing a Number in the Phone's Memory

1. From Idle mode, press **Menu** or and select **Contacts** → **Add New Contact**.
2. Enter a first name in the **First Name** text box. Move to the next text box by pressing the **Down** Navigation key.

   For details about how to enter characters, see "Using ABC Mode" on page 29.
3. Enter a last name in the **Last Name** text box.
4. Highlight a number type by pressing the **Up** or **Down** Navigation key, then enter a number in the text box.

   The following options are available:

   - **Mobile**: lets you save a mobile phone number for this contact.
   - **Home**: lets you save a home phone number for this contact.
   - **Office**: lets you save a work number for this contact.
   - **Fax**: lets you save a fax number for this contact.
   - **Other**: lets you save an additional phone number for this contact.
   - **E-mail**: allows you to enter an email address for the contact.

- **Graphic ID:** lets you take a photo or assign an existing image to this contact.
- **Ringtone:** lets you assign a specific ringtone for this contact.
- **Group**: allows you to assign this contact to a group (Family, Friends, Work, or a group you have created).
- **Notes**: allows you to enter additional information about the contact. Up to 50 characters are allowed.

5. Press . The number is saved to your phone and the new contact information displays.
6. Press to return to the Idle screen.

## Storing a Number in the SIM Card

1. From Idle mode, press **Menu** or and select **Contacts** ➔ **Add New Contact**.
2. Enter a name for your contact into the **Name** field. A SIM card entry has only **one** available name field. Tab to the next text box by pressing the **Down** Navigation key.

   For further details about how to enter characters, see “Using ABC Mode” on page 29.
3. Use the keypad to enter a number into the SIM card number field.
4. Press **Save** or . The number saves in your SIM card.

   After storing, the phone displays the new Contacts list entry.
5. Press to return to the Idle screen.

## Finding a Contact Entry

You can store phone numbers and their corresponding names onto either your SIM card or phone’s built-in memory. They are physically separate but appear in the phone as a single list called the Contact list.

Depending on the storage size of the particular SIM card, the maximum number of phone numbers the card can store may differ.

1. From Idle mode, press **Menu** or and select **Contacts** ➔ **Contact List**.

---

Note: You can choose to display Phone entries, SIM entries or both in the Contact list. Press Menu and select **Contact** ➔ **Contacts Settings** ➔ **View contacts from** ➔ **SIM card**, **Phone**, or **Phone and SIM card**.

Any contact stored on the SIM card displays a SIM card icon to the left of the entry. Any contact stored on the phone displays a phone icon to the left of the entry.

---

2. Enter the first few letters of the name in the text box.

   The Phonebook entries display as a list, starting with the first entry matching your input.

   – or –

   Press the Up or Down Navigation key until the entry you want highlights.

3. Once you locate the desired entry, press to dial the number, or press Options to access the following options:
   - View: displays the contact information.
   - Send Message: allows you to send a message to the selected number.
   - Add New Contact: allows you to add a new contact entry.
   - Send Business Card via: allows you to send your business card via Message or to a Bluetooth enabled device.
   - Delete: allows you to delete the Selected contact or All contacts.
   - Select Language: allows you to select between English and Français (French).
4. If you are viewing the contact, press Options for these additional options:
   - Edit: allows you to edit all fields in the entry.
   - Send Message: allows you to send a message to the selected number.
   - Copy to phone/S M card: allows you to copy the selected number or all numbers between your phone and S M card.
   - Send Business Card via: allows you to send your business card via Message or to a Bluetooth enabled device.
   - Delete: allows you to delete the select contact.
   - Add to Reject List: Allows you to add the highlighted number to the rejected call list.
   - Print via Bluetooth: sends the contact information to a Bluetooth enabled printer.
5. Press Call to dial the selected number.

## Speed Dialing

Once you have stored phone numbers in your Contact list, you can assign speed dial entries to numeric keys 2 to 9 and then dial the number easily whenever you want, simply by pressing and holding the associated numeric key.

### *Setting Up Speed Dial Entries*

1. From Idle mode, press Menu and select Contacts ➔ Speed Dial List.

2. Use the Navigation keys to highlight the number key where you wish to assign the new speed-dialing number and press or Options → Add.
3. Highlight a contact entry number from the list and press Select or .

   You receive a Saved confirmation and the Speed Dial List displays the number assigned to the number key you selected.
4. Press to return to the Idle screen.

---

Note: Memory location 1 is reserved for your voicemail server number and this speed dial location can not be changed.

---

## Editing a Caller Group

1. From Idle mode, press Menu and select Contacts → Group.
2. Scroll through the group list by pressing the Up or Down Navigation key.
3. Highlight the group you want, press Options and select Edit.
4. If required, modify the group name in the Name text box.
5. Highlight the Graphic ID field and press to change the image.

   The following options are available:

   - Take Photo: allows you to take a picture with your camera.
   - Photos: allows you to choose a photo from Photos folder.
   - Downloaded Graphics: allows you to choose a photo from your Downloaded Graphics folder.
   - Default Image: displays a list of pre-defined icons.
6. Highlight the Ringtone field and press to change the ringtone.

   The following options are available:

   - Default Ringtones: allows you to choose between ringtones supplied with the phone.
   - Voice List: allows you to assign a voice clip to this group.
   - Downloaded Ringtones: allows you to choose a ringtone from the Downloaded Ringtones folder.

7. Press **Save** when you are finished.

   Your Caller group settings are saved.

8. Press to return to Idle mode.

## Reject List

The Reject list menu allows you to create a list of numbers to block from your handset.

To add a number to the reject list:

1. From Idle mode, press **Menu** and select **Contacts** ➔ **Reject List**.
2. Press **Options** ➔ **Add New**, press the **Right** Navigation key and select one of the following:
   - **Number**: allows you to enter a phone number to add to the reject list.
   - **Contacts**: allows you to select a contact from the Contact list to add to the reject list.
   - **FDN Contacts**: allows you to select a contact from the FDN list to add to the reject list.
   - **Recent Contacts**: allows you to select one or more contacts from the Recent contacts list to add to the reject list.
   - **Unknown numbers**: lets you reject all unknown numbers.

## Own Number

This function is a memory aid that you can use to view your own phone number(s).

1. From Idle mode, press **Menu** and select **Contacts** ➔ **Own Number**.
2. Press or **Back** when you are finished.

## FDN List

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict outgoing calls from the phone to a limited set of phone numbers. Your phone will only dial numbers on the FDN List.

FDN mode must first be enabled in the Security settings. For more information on changing this setting, see “Set FDN Mode” on page 82.

To enable FDN mode, a PIN2 number is required. You can obtain your PIN2 from your service provider.

1. From Idle mode, press **Menu** and select **Contacts** ➔ **FDN List**.
2. Press **Options** ➔ **Add** to add a number to the list.

3. Enter the P N2 code obtained from Customer service and begin to create your restricted phone list.

## Contacts Settings

The Contacts Settings menu allows you to select where your contacts are saved, copy your SIM contacts to your phone and phone contacts to your SIM card, sort by contacts, delete your contacts, or check your memory status.

- From Idle mode, press Menu and select Contacts ➔ Contacts Settings.

### *Default saving*

- From Idle mode, press Menu and select Contacts ➔ Contacts Settings ➔ Default Saving.

The Default Saving option allows you to choose where your contacts are saved. The following options are available:

- Phone: new contacts are saved to your phone (this is the default setting).
- S M Card: new contacts are saved to your S M card.
- Ask on Saving: you are prompted to choose between Phone or SIM Card whenever you save a new contact.

### *Copy all to*

This option allows you to copy all contacts from your SIM card to your phone or from you phone to your SIM card.

1. From Idle mode, press Menu and select Contacts ➔ Contacts Settings ➔ Copy All to.
2. Highlight Phone or SIM Card and press Select or .
3. All entries are selected by default. If you do not want to copy an entry, highlight the entry and press to remove the check mark next to the selection. Repeat this for each entry you do not want to copy.
4. Press Copy to copy the selected entries to the Phone or SIM card.

---

Note: Some options are available for phone entries that are not available when the entry is stored to the SIM card. For more information, refer to *"Storing a Number in the Phone's Memory"* on page 32.

---

### *View Contacts from*

The View Contacts from option allows you to choose to display only those names and numbers stored on your SIM card, only those stored in your phone's built-in, or all entries.

1. From Idle mode, press Menu and select Contacts ➔ Contacts Settings ➔ View Contacts from.
2. Highlight S M Card, Phone or Phone and SIM card and press Select or .

### *Delete all*

You can delete all your entries from your phone's memory, your SIM card, FDN, or All.

---

Important!: Once Phonebook entries are deleted, they cannot be recovered.

---

1. From Idle mode, press **Menu** and select **Contacts** ➔ **Contacts Settings** ➔ **Delete all**.
2. Press to place a check mark next to the type of entries to be deleted (**All**, **Phone**, **S M Card** or **S M Card(FDN)**) and press **Delete**.
3. Press **Yes** at the prompt.
4. Enter the phone's PIN2 code at the prompt and press **OK**, or press **Back** to cancel.

Press to return to the Idle screen.

### *Memory Status*

You can check how many names and numbers are stored in the Phonebook, within both SIM card and the phone memory. You can also see the storage capacity of both locations.

1. From Idle mode, press **Menu** and select **Contacts** ➔ **Contacts Settings** ➔ **Memory Status**.
2. Press or **Back** when you are finished.

# Section 7: Media

This section outlines the media features available on your phone such as Games and Apps, photos, music, images, sounds, videos, and other types of files.

## Music Player

You can add music files or play music stored in your playlist.

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Press **Next** to get started and organize a playlist.

### *Playlists*

There are ten available playlists. You can add up to 50 music files to each of these playlists, and you can rename them. You cannot add a new playlist or delete a playlist.

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Highlight a playlist and press to open the playlist.

### Adding Music Files to a Playlist

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Highlight a playlist and press .
3. Press **Options** and select **Add Music from** ➔ **Phone** or **Memory Card**.
4. Locate and highlight a music file you want to add to this playlist then press to place a check mark next to the file. Repeat for any additional files you want to add to the list.
5. Press **Add** to add the music file(s).

### Renaming a playlist

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Highlight a playlist, press **Options** and select **Rename**.
3. Edit the name for this playlist as required then press or press **Options** and select **Save** to save it.

### *Playing Music*

Once you create a playlist you can select music files to play.

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Highlight the playlist that contains the music file you want to play and press to view the music files.
3. Select a music file and press to play the music.
4. You can also press **Options** to access the following options:
    - **Pause/Play**: pauses the music file that is currently playing, or starts to play music that was paused.
    - **Transfer to Bluetooth stereo headset**: transfers the sound so you can listen to the music using a Bluetooth stereo headset.
    - **Add to**: adds the selected music file to another playlist.
    - **Remove**: removes this music file from the current playlist.
    - **Properties**: displays properties about the selected music file such as: Name, Date, Format, Bitrate, Length, Size, Lock/Unlock, and Forwarding
    - **Shortcuts**: displays a list of shortcuts for the music player. While playing a music file you can press one of the keys to control the player. For more information, see below.

### *Music Player Shortcut Keys*

While playing a music file you can use shortcut keys to control the player.

1. From Idle mode, press **Menu** and select **Media** ➔ **Music Player**.
2. Select a music file and press to play the music.
3. While playing a music file, the following keys act as shortcuts:

OK key: Plays or pauses the music file, depending on which mode is active.

Up Navigation key cycles through the shuffle settings (as indicated at the right side of the screen). [S] plays the music files in the playlist in random order. [1] repeats the selected music file. [A] plays all the music files in this playlist in sequence. [S][A] shuffles the music files in random order and repeats all the music files.

Down Navigation key stops the playback of the music file.

Left Navigation key: plays the previous music file in the playlist. Press and hold while a song is playing to rewind.

Right Navigation key plays the next music file in the playlist. Press and hold while a song is playing to fast forward.

3 DEF Toggles repeat modes:

- Off: songs are played in the order they appear in the current list.
- [1]: repeats the currently active song.
- [A]: replays all songs in the current playlist.

6 MNO Activates and deactivates the Shuffle feature.

4. Press to exit and return to Idle mode.

## Music

The Music menu lets you view and manage music files stored on the phone or a memory card.

1. From Idle mode, press Menu and select Media → Music. To view music files stored on the phone, select Music. To view files stored on a memory card, select Memory Card → Music.
2. While viewing a list of music files, press Options to access the following options:
   - Play via: lets you play the music file on the phone or transfer the sound to a Bluetooth stereo headset.
   - Delete: deletes the Selected or Multiple sound files.
   - Rename: allows you to rename this sound file.

- **Move to Phone/Memory Card**: allows you to move the Selected or Multiple files between the phone and memory card.
- **Copy to Phone/Memory Card**: allows you to copy the Selected or Multiple files between the phone and memory card.
- **Create Folder:** lets you create a new storage folder (only available when accessing a storage card).
- **Lock/Unlock**: allows you to lock the sound file to protect it from deletion, or unlock it to allow deletion.
- **Properties**: displays Basic details about the selected music file.

## Ringtone

From the Ringtone menu you can access default and downloaded ringtones, and download new ringtones from various sources using the browser and store them in your phone.

### *Get New Ringtones*

You can download more Ringtones using the **Get New Ringtones** option.

- From Idle mode, press **Menu** and select **Media** ➔ **Ringtone** ➔ **Get New Ringtones**.

The browser screen displays with options.

---

Note: When downloading ringtones, charges may apply.

---

### *Default Ringtones*

This menu lets you play ringtones from the default ringtones included with your phone and set call ringtone, caller ringtones and alarm tone.

1. From Idle mode, press **Menu** and select **Media** ➔ **Ringtone** ➔ **Default Ringtones**.
2. To listen to a ringtone, highlight the ringtone and press **Play**.
3. To select a ringtone, press **Options** and select **Set as** ➔ **Ringtone**, **Caller Ringtone** or **Alarm Tone**.

### *Downloaded Ringtones*

This menu lets you play ringtones from a list of ringtones downloaded to your phone and set call ringtone, caller ringtones and alarm tone.

1. From Idle mode, press **Menu** and select **Media** ➔ **Ringtone** ➔ **Downloaded Ringtones**.
2. To listen to a ringtone, highlight the ringtone and press **Play**.
3. To select a ringtone, press **Options** and select **Set as** ➔ **Default Ringtone**, **Individual Ringtone** or **Alarm Tone**.

You can also copy or move ringtones that can be forwarded to a memory card, and rename them. Press **Options** and select **Move to Memory Card**, **Copy to Memory Card**, or **Rename**.

## Graphics

In this menu, you can view graphics downloaded or received in messages, download graphics, open pictures taken with the built-in camera, view the default wallpapers supplied with your phone and set the wallpaper image.

### *Get New Graphics*

This option allows the downloading of new images to use as wallpaper using the browser.

- From Idle mode, press **Menu** and select **Media** ➔ **Graphics** ➔ **Get New Graphics**.

The browser screen displays with options.

---

Note: When downloading graphics, charges may apply.

---

### *Default Wallpapers*

This menu lets you view wallpaper images from the default wallpapers included with your phone and set the wallpaper image for your phone.

1. From Idle mode, press **Menu** and select **Media** ➔ **Graphics** ➔ **Default Wallpapers**.
2. To view the available graphics, press the left and right Navigation keys.
3. To select a wallpaper, press **Save**.

### *Picture Album*

Using the Picture Album, you can view your photos.

To change the background image:

1. From Idle mode, press **Menu** and select **Media** ➔ **Graphics** ➔ **Picture Album**.
2. To view a photo, highlight the description and press .

   – or –

   To access available options, highlight a photo and press **Options**. The following options are available:

   - **View:** opens the photo file.
   - **Send**: allows you to send the photo as a Picture message or via Bluetooth to another Bluetooth compatible device.

- **Set as**: allows you to set the photo as a as Wallpaper image or as Picture  D.
- **Delete**: allows you to delete the selected or multiple photos.
- **Rename**: allows you to rename the photo.
- **Edit**: opens the Image Editor and allows you to edit the selected photo.
- **Move to Memory Card:** allows you to move the selected or multiple images to your memory card.
- **Copy to Memory Card**: allows you to copy the selected or multiple images to your memory card.
- **Slide show**: displays multiple photos in a slide show presentation.
- **Bluetooth Visibility**: allows you to select one or multiple sounds to share with other Bluetooth devices.
- **Print via Bluetooth**: sends the selected photo to a Bluetooth enabled device.
- **Lock/Unlock**: allows you to lock the photo to protect it from deletion or unlocks it to allow deletion.
- **Display Mode**: allows you to set the display to Line view or Thumbnail view.
- **Properties**: displays the image Name, Date, Format, Resolution, Size, and Lock/Unlock.

### *Downloaded Graphics*

This menu allows you to access your downloaded graphics on your phone.

1. From Idle mode, press **Menu** and select **Media** ➔ **Graphics** ➔ **Downloaded Graphics**.
2. To view an image, highlight the description and press .

   – or –

   To access available options, highlight an image and press **Options**. The following options are available:

   - **View:** opens the file.
   - **Set as**: allows you to set the image as Wallpaper or as a Picture ID.
   - **Delete**: allows you to delete the Selected image or Multiple images.
   - **Rename**: allows you to rename the image.
   - **Move to Memory Card**: allows you to move the image to the memory card.
   - **Copy to Memory Card**: allows you to copy the image to the memory card.
   - **Slide Show**: displays multiple images in a slide show format.
   - **Print via Bluetooth**: sends the selected image to a Bluetooth enabled printer.
   - **Lock/Unlock**: allows you to lock the image to protect it from deletion or unlock it to allow deletion.

- **Display Mode:** choose whether to display graphics in Line View or Thumbnail View.
- **Properties**: displays Basic details or Media Information about the image.

## Videos

In this menu, you can view the list of videos downloaded from the web or received in picture messages. You can also view a video saved to your Videos folder or memory card.

### *Get New Videos*

This option allows the downloading of videos using the browser.

- From Idle mode, press **Menu** and select **Media** ➔ **Videos** ➔ **Get New Videos**.

The browser screen displays with options.

---

Note: When downloading videos, charges may apply.

---

### *My Video Clips*

1. From Idle mode, press **Menu** and select **Media** ➔ **Videos** ➔ **My Video Clips**.
2. Highlight a video file and press to play it.

   – or –

   Before you play the video press **Options** and select one of the following:

   - **Play**: plays the video file.
   - **Send via**: lets you send the selected video via Picture message or via Bluetooth to another Bluetooth device.
   - **Delete**: deletes the Selected, or Multiple video files.
   - **Rename**: changes the name of the video.
   - **Move to Memory Card**: allows you to move the Selected or Multiple videos to the memory card.
   - **Copy to Memory Card**: allows you to copy the Selected or Multiple videos to the memory card.
   - **Bluetooth Visibility**: allows you to enable the Selected video or Multiple videos so they are visible to other Bluetooth devices.
   - **Lock/Unlock**: allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
   - **Display Mode**: allows you to view video files in Line view or Thumbnail view.
   - **Properties**: shows the properties of the video, such as the Name, Date, Format, Resolution, Size, Length, Quality, Lock/Unlock, Forwarding.

### *Downloaded Videos*

The Downloaded videos option displays a list of videos downloaded from the web or videos received in picture messages.

1. From Idle mode, press **Menu** and select **Media** ➔ **Videos** ➔ **Downloaded videos**.
2. Highlight a video file and press ● to play it.

   – or –

   Before you play the video press **Options** and select one of the following:

   - **Play**: plays the video.
   - **Delete**: deletes the Selected, or Multiple video files.
   - **Rename**: changes the name of the video file.
   - **Move to Memory Card**: allows you to move the Selected or Multiple videos to the memory card.
   - **Copy to Memory Card**: allows you to copy the Selected or Multiple videos to the memory card.
   - **Lock/Unlock**: allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
   - **Display Mode**: allows you to view photos in Line view or Thumbnail view.
   - **Properties**: displays properties of this video such as: Name, Date, Format, Resolution, Size, Length, Quality, and Lock/Unlock.

## Games and Apps

When you access the **Games and Apps** menu, the list of default games displays.You can also download MIDlets (Java applications that run on mobile phones) from various sources using the browser and store them in your phone. When you download new games, they are added to the list.

### *Get New Games*

You can download more games using the **Get New Games** option.

- From Idle mode, press **Menu** and select **Media** ➔ **Games and Apps** ➔ **Get New Games**.

The browser screen displays with options.

---

Note: When downloading games, charges may apply.

---

### *Get New Applications*

You can download applications using this feature.

- From Idle mode, press **Menu** and select **Media** ➔ **Games and Apps** ➔ **Get New Applications**.

---

Note: When downloading applications, charges may apply.

---

## Voice Recorder

The voice recorder lets you record and save audio files.

1. From Idle mode, press **Menu** and select **Media** ➔ **Voice Recorder**.
2. Press **Record** to start recording.
3. Press **Pause** to temporarily pause recording, **Resume** to resume recording, **Stop** to stop recording and save the file. The file is saved in Voice Notes with the file name Voice-####.amr. For more information on using Voice Notes, see below.
4. The following options are available by pressing **Options**:
   - **Send in Message**: allows you to send this voice recording in a message.
   - **Re-record**: allows you to re-record the audio note.
   - **Set as**: allows you to save this recording as Default ringtone, Individual ringtone, or Alarm tone.
   - **Go to voice list**: displays the Voice notes folder.
   - **Delete**: deletes this voice recording.

## Voice Notes

The Voice Notes list contains your recorded audio messages.

1. From Idle mode, press **Menu** and select **Media** ➔ **Voice Notes**.
2. Highlight a recording and press to play it.

   – or –

   Before you play the recording press **Options** and select one of the following:

- **Play:** plays the audio recording.
- **Send**: allows you to send the audio message as a Picture message, or to a Bluetooth compatible device.

- Set as Alarm Tone: allows you to set the audio message as an alarm tone.
- Delete: allows you to delete the Selected, or Multiple audio messages.
- Rename: allows you to change the name of the audio message.
- Move to Memory Card: allows you to move the Selected or Multiple audio messages to the memory card.
- Copy to Memory Card: allows you to copy the Selected or Multiple audio messages to the memory card.
- Bluetooth Visibility: allows you to select one or multiple voice messages to share with other Bluetooth devices.
- Lock/Unlock: allows you to lock the audio message to protect it from deletion or unlock it to allow deletion.
- Properties: displays Basic details about the selected audio file.

### *Others*

The Other Files folder provides a location where you can store files on your phone or memory card, and check the amount of memory space used and remaining.

1. From Idle mode, press Menu and select Media → Others.
2. Select one of the following options:
   - Other Files: displays files stored.
   - Memory Card: displays folders stored on the memory card, including: Images, Videos, Music, Sounds, and Other files.
   - Memory Status: displays the amount of memory available for Media files and memory used for Sounds, Pictures, Videos, Music, and Other Files.

While viewing the contents of the Other Files folder, press Options to access the following options:

- Send via: allows you to send this file in a Message (when possible) or to a Bluetooth enabled device.
- Delete: deletes Selected or Multiple files.
- Rename: allows you to rename the selected file.
- Move to Phone/Memory Card: moves Selected or Multiple files to another location.
- Copy to Phone/Memory Card: copies Selected or Multiple files to another location.
- Bluetooth Visibility: makes Selected or Multiple voice files visible to a Bluetooth device.
- Lock/Unlock: locks the file to protect it from deletion, or unlocks the file to allow deletion.
- Properties: displays properties of the highlighted file. such as: Name, Date, Format, Size, Lock/Unlock, Forwarding.

# Section 8: Internet

This section outlines the features of the web browser, which provides you wireless access and navigation to the Web using your phone.

To access the browser:

- From Idle mode, press **Internet** or press **Menu** and select **Internet**.

To exit the browser:

- Press to exit the browser.

## Navigating the Browser

1. Press the **Up** or **Down** Navigation key to scroll through browser items.
2. Press to select browser items.
3. Press **Back** or to return to the previous page.

## Entering Text

When you are prompted to enter text, the currently active text input mode is indicated at the lower right side of the screen and can be changed using the right soft key. The following modes are available:

- **word (T9 mode)**: this mode allows you to enter words with only one keystroke per letter. t automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, thus requiring fewer keystrokes than the traditional abc mode. For example, to enter “hello” press . Press to enter a space.**abc (alphabetic mode)**: this mode allows you to enter letters by pressing the key labeled with the corresponding letter the number of times corresponding to the position of the letter (for example, press once to enter “j”, twice to enter “k”, or three times to enter “l”). Press to enter a space.
- **123 (Number mode)**: this mode allows you to enter numbers.
- **Sym (Symbol mode)**: this mode allows you to enter symbols, such as punctuation marks. Press the number key corresponding to the symbol you want to enter. Press or to view additional symbol sets.

## Browser Options

The following options are available by pressing **Options** while using the browser:

- **Go to URL:** lets you enter a URL address and navigate to the specified website.
- **Reload**: reloads the current page.

- Page Size: allows you to select the page size to view (Large, Normal or Small).
- Save image: lets you save any of the images on the page. Use the navigation keys to place the blue outline around the image and press Save. The image is saved in the Downloaded Graphics folder.
- Go to Messages: opens the Messages menu.
- Go to Media: opens the Media menu.
- Go to Homepage: returns the browser to the home page.
- Add Bookmark: adds the current URL to Bookmarks.
- View Bookmarks: opens the Bookmarks screen.
- Send URL via message: sends the currently viewed URL to a recipient as a message.
- History: displays a list of recently accesses web pages.
- Show URL: displays details of the current page: Title, URL, MIME type, Size.
- Advanced:
  - Clear cache: Clears the information stored in the cache, which is temporary storage of the most recently accessed Web pages.
  - Empty Cookies: cookies identify who you are when you revisit web sites and can also used to track your web surfing habits. Deleting all the cookies provides security.
  - Cookie Options: allows you to Accept all cookies, Reject all cookies, or Prompt you when a site wants to deposit a cookie
  - Preferences: allows you to set preferences such as Run JavaScript, Display Images, Play sound, and View mode.
  - Certificates: allows you to view available Root certificates and CA certificates.

# Section 9: Messages

This section describes how to send and receive different types of messages. It also explains the features and functionality associated with messaging.

## Types of Messages

Your phone provides the following message types:

- Text Messages
- Picture Messages
- Voicemail

The Message icon ( ) displays when you have received a new message. When the phone's memory is full, the message icon flashes on your phone and you cannot receive any new messages. You must delete messages before you can receive additional messages.

## Text Messages

Short Message Service (SMS) allows you to send and receive short text messages to and from other mobile phones. In addition, your phone supports the Enhanced Messaging Service (EMS), which enables you to include simple graphics, melodies, and animated images in your messages. To use this feature, you must subscribe to your service provider's message service.

### *Create and send a text message*

1. From Idle mode, press **Menu** and select **Messages** ➔ **Create New Message**.
2. Enter a phone number, or press to add a recipient from Recent recipients, Contact list, or Groups.
3. Highlight the text field and create your message.

---

Note: For further details about entering characters, see "Changing the Text Input Mode" on page 27

---

4. While entering your message, you can press **Options** to access the following options:
   - **Send:** sends the message
   - **Insert**: allows you to insert a Text template, Contact information, or a website address Bookmark.
   - **More**:
     – **Add Page**: allows you to add another page to the message (Note: this converts the message to a picture message).

- Add Subject: inserts a subject field and text into the message (Note: this converts the message to a picture message).
- Add Attachment: attaches a Namecard, Schedule, Anniversary, Miscellaneous, Task, Notes, or Other files to this message (Note: this converts the message to a picture message).
- Edit style: allows you to change the page timing or message style (Note: this converts the message to a picture message).
- Change to Picture Message: changes the message type to Picture message so you can attach media to the message.
- Sending Options: opens the Send Settings menu (see "Send Settings" on page 59).
- Select Language: allows you to set the language to English or Français (French).

- Save to: saves the message to the Drafts folder or as a template.
- Copy & Paste: allows you to turn on the text selection feature so you can cut, copy, and paste text in this message. Note: This option works only within the current text message.
- Exit Composer: lets you save the current message and exit the edit feature.

5. Press ● to send the message.

## Picture Messages

This menu allows you to use the Multimedia Message Service (MMS).In addition to the text content available via traditional text messages, picture messages can contain images, graphics, voice, and audio clips.

This function is available only if it is supported by your service provider. Only phones that offer picture messaging features can receive and display picture messages.

### *Create and send a picture message*

1. From Idle mode, press Menu and select Messages ➔ Create New Message.
2. Highlight the To field and enter a phone number, or press ● to add a recipient from Recent recipients, Contact list, or Groups.
3. Highlight the text field and create a message.

---

Note: For more information about entering characters, see "Using ABC Mode" on page 29

---

4. To add a multimedia file, press the Down Navigation key and select one of the following options:
   - Record sound: lets you record a sound file using the voice recorder and attach it to the message.
   - Add sound: allows you to attach a recorded or downloaded sound file to the message.
   - Add picture: lets you attach a saved or downloaded picture to the message.

- **Take Picture**: lets you take a picture using the camera and attach it to the message.
- **Add video**: allows you to attach a recorded or downloaded video file to the message.

5. You can also press **Options** to access the following options:
   - **Send:** sends the message.
   - **Preview:** lets you preview the message.
   - **Insert**: allows you to insert a Text template, Contact information, or a website address Bookmark.
   - **More**:
     - **Add Page**: allows you to add another page to the message.
     - **Delete Page**: allows you to remove added pages from the message.
     - **Add Subject**: inserts a subject field and text into the message.
     - **Add Attachment**: attaches a Namecard, Schedule, Anniversary, Miscellaneous. Task, Notes, or Other files to this message.
     - **Edit style**: allows you to change the page timing or message style.
     - **Change to text message**: changes the message type to text message and removes any media files attached to the message.
     - **Sending Options**: opens the Send settings menu (see “Send Settings” on page 59).
     - **Select Language**: allows you to set the language to English or Français (French).
   - **Save to:** saves the message to the Drafts folder or as a template.
   - **Copy & Paste**: allows you to turn on the text selection feature so you can cut, copy, and paste text in this message. Note: This option works only within the current text message.
   - **Exit Composer**: lets you save the current message and exit the edit function.
6. Press **Send** to send the picture message.

## Inbox

The Inbox stores the following types of messages that you have received.

- Text messages
- Picture messages
- Push messages

When you open the Inbox, the list of messages displays with the sender’s phone number, or name, if available in your Phonebook. You can tell whether the message has been opened by the icon displayed. If the orange, closed envelope icon displays then the message has not been read; if the grey, open envelope icon displays the message has been read.

Note: Press the **Left** or **Right** Navigation key to scroll between **Inbox**, Sent, Outbox and **Drafts**.

### *Viewing a Text Message from the Inbox*

1. From Idle mode, press **Menu** and select **Messages** ➔ **Inbox**.
2. Select a text message from the list and press ● or **Options** ➔ **View** to view the contents.
3. While viewing a message, press **Options** to access the following options:
   - **Reply**: allows you to send a return message to the sender.
   - **Call Back**: Places a call back to the number.
   - **Forward**: allows you to forward the text message to another person.
   - **Delete**: deletes the selected message.
   - **Move to phone/S M card**: allows you to move the message from the SIM card into the phone's memory or moves the message from the phone to the S M card, depending on where it is currently saved.
   - **Add to Reject List**: Allows you to add the highlighted number to the rejected call list.
   - **Extract Address:** lets you extract the sender's phone number and Save to contacts or Send message.
   - **Lock/Unlock**: allows you to lock the message to protect it from deletion, or unlock it to allow deletion.
4. Press **Reply** to reply to this message.

### *Viewing a Picture Message from the Inbox*

1. From Idle mode, press **Menu** and select **Messages** ➔ **Inbox**.
1. Select a retrieved picture message from the list and press ● or **Options** ➔ **View** to view the contents.
2. While viewing a message, press **Options** to access the following options:
   - **Reply**: allows you to send a reply to the sender.
   - **Reply to All**: allows you to send a reply to the sender and other recipients of the message.
   - **Call Back**: allows you to call the sender back.
   - **Forward**: allows you to forward the message to another number.
   - **Save Address**: allows you to extract the sender's number and URL, email addresses or phone numbers from the message text, so that you can save them in your phone's memory.
   - **Save Media**: allows you to save message media to My files.

- **Delete**: allows you to delete the selected message.
- **Lock/Unlock**: allows you to lock the audio postcard to protect it from deletion, or unlock the audio postcard to allow deletion.
- **Properties**: shows you information about the message, such as Subject, Received date, From, To, Cc, Size, and Priority.

## Sent

This message box stores messages that have been sent.

When you enter this menu, the list of messages in the box displays with the recipients' phone numbers or names, if available in your Phonebook.

1. From Idle mode, press the **Menu** ➔ **Messages** ➔ **Sent**.

---

Note: Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, Sent, Outbox and **Drafts**.

---

2. Select a message from the list and press or **Options** ➔ **View** to view the contents.
3. Press the **Up** or **Down** Navigation keys to scroll through the contents.

---

Note: While reading a message, press **Options** to choose the available options.

---

## Outbox

This message box stores messages that have not yet been sent.

When you enter this menu, the list of messages in the box displays with the recipients' phone numbers or names, if available in your Phonebook.

1. From Idle mode, press **Menu** and select **Messages** ➔ **Outbox**.

---

Note: Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, Sent, Outbox and **Drafts**.

---

2. Select a message from the list and press or **Options** ➔ **View** to view the contents.
3. Press the **Up** or **Down** Navigation keys to scroll through the contents.

---

Note: While reading a message, press **Options** to choose the available options.

---

## Drafts

This message box stores messages that you want to edit or send at a later time.

1. From Idle mode, press **Menu** and select **Messages** ➔ **Drafts**.

---

Note: Press the **Left** or **Right** Navigation keys to scroll between **Inbox**, Sent, Outbox and **Drafts**.

---

2. Select a message from the list and press .
3. To edit the message contents, press or press **Options** and select **Edit**.
4. To send the message, press **Options** and select **Send**.

---

Tip: While viewing a draft message, press **Options** to choose the available options. Options depend on the type of message.

---

## Templates

Templates aid message composition by letting you add previously stored content to the message.

The following type of templates are available:

- Text templates
- Picture Message templates

### *Sending a Message Using a Text Message Template*

1. From Idle mode, press **Menu** and select **Messages** ➔ **Templates** ➔ **Text Templates**.
2. Highlight a template from the list and press to view the contents.
3. Press **Send to** to send the message.
4. Press **Add** and select from one of the following:
   - **Recent Recipients**: allows you to select a number or an address from the last 10 destinations you entered.
   - **Contact List**: allows you to enter the phone number you want from your Contact list.
   - **Groups**: allows you to send this message to a group.
5. Press **Send** when you are finished.

*Sending a Message Using a Picture Message Template*

1. From Idle mode, press Menu ➔ Messages ➔ Templates ➔ Picture Message Templates.
2. Highlight a template from the Templates list, press Options and select Send, and select one of the following options:
   - Recent Recipients: allows you to select a number or an address from the last 20 destinations you entered.
   - Phonebook: allows you to enter the phone number you want from your Contact list.
   - New Recipient: allows you to manually enter a phone number.
3. Press Send after selecting a recipient.

   The template message sends to the selected recipient(s).

## Voicemail

This menu lets you access your voicemail messages, if you have subscribed to this service.

- From Idle mode, press Menu and select Messages ➔ Voicemail ➔ Connect to Voicemail.
  – or –
- From the Idle mode, press and hold 1 to connect to the voice server.

---

Note: Voice mail is a network feature. Please contact your service provider's customer service for further details.

---

## Delete all

This menu allows you to delete all messages in one or more message boxes.

---

Important!: Once messages are deleted, they cannot be recovered.

---

1. From Idle mode, press Menu and select Messages ➔ Delete all.
2. Highlight a message box to clear and press to place a check mark next to your selection. Repeat as required.
3. Press Delete.
4. When Delete all unlocked messages? appears, press Yes to delete all messages in the indicated message boxes.

## Messages Settings

The Settings menu allows you to change the send and receive settings for messages.

1. From Idle mode, press **Menu** ➔ **Messages** ➔ **Messages Settings**.
2. Select one of the following options and press **Select** or ●.

### *Text Message*

#### Send Settings

- **Character Support:** select GSM-Alphabet, Unicode or Auto.
- **Validity Period:** preset to Maximum.
- **Message Type:** preset to Text.
- **Reply Path**: allows the recipient of your message to send you a reply message using your message center, if your network supports this service.
- **Request Delivery Receipt**: allows you to activate or deactivate the report function. When this function is activated, the network informs you whether or not your message was delivered.
- **Keep a Copy:** stores a copy of sent messages on your phone.
- **Service Centre**: displays the phone number of your message center, which is required when sending messages.

---

Note: If you change this number you may not be able to send or receive text messages. Only change this number when advised to do so by a customer service representative.

---

#### Reject List

This menu lets you create a list of phone numbers that the phone will not accept a call or message from.

1. Highlight an empty number location.
2. Enter the phone number to be rejected

   – or –

   Press **Options**, select one or more numbers from Phonebook or FDN contacts (highlight and press ● to add a check mark), and press **Add**.
3. To save the list, press ● or press **Options** and select **Save**.

### *Picture Message*

#### Send Settings

- **Delivery Report**: when this option is enabled, the network informs you when your message is delivered.
- **Read Reply**: when this option is enabled, the network informs you when your message is opened.
- **Priority**: you can select the priority level of your messages. Selections are: Normal, High or Low.
- **Expiry**: set the length of time your messages are stored in the message center while the network attempts to deliver them. Selections are: 1 hour, 6 hours, 24 hours, 1 week, or Maximum.
- **Delivery Time**: you can set a delay time before the phone sends your messages. Selections are: Immediately, 1 hour, 6 hours, 12 hours, 1 day, 3 days, 1 week, or 1 month.

#### Receive Settings

- **Anonymous Reject**: you can set your phone to automatically reject anonymous messages.
- **Ads Allowed**: you can set your phone to receive or reject advertising messages.
- **Report Allowed**: you can set the option to receive a delivery report.
- **Message Reception**: Select Automatic, Reject, or Manual.

#### Profile

- **Current Profile**: you can select a connection profile used for sending and receiving multimedia messages.
- **Profile Settings**: lets you change connection profile settings.

---

Note: If you change these settings you may not be able to send or receive picture messages. Only make changes when advised to do so by a customer service representative.

---

### *Push Messages*

Push Messages are messages sent from your service provider that include software upgrades or general information. The following options are available:

- **Receiving Settings**: you can set push message reception On, Off or Service Specific.
- **Service Loading Operation**: Select Always, Always Ask, or Never.

### *Broadcast Messages*

Broadcast message settings include:

- **Read:** move read messages to Archive or Temporary folder.
- **Activation**: you can turn broadcast message reception On or Off.

- **Channel List**: All Channels or My Channels.
- **Language**: Selects languages for incoming broadcast messages.

## Memory Status

To view the memory status:

- From Idle mode, press **Menu** and select **Messages** ➔ **Settings** ➔ **Memory Status**.

The display shows the used and free space for each type of message and each message box type:

- **Text Message**
  - Phone
  - SIM Card
  - Inbox
  - Sent
  - Outbox
  - Draft
- **Picture Message**
  - Inbox
  - Sent
  - Outbox
  - Draft
- **Push Messages**

# Section 10: Camera

This section explains how to use the camera on your phone. You can take photographs and videos using the built-in camera functionality.

## Using the Camera

Using the camera module in your phone, you can take photos of people or events while on the move. Additionally, you can send these photos to other people in a Picture Messaging message or set a wallpaper or caller ID image.

Your camera produces photos in JPEG format.

---

Note: Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

---

## Take a Photo

1. Press and hold the key on the right side of the phone to access the camera module.

   – or –

   From Idle mode, press **Menu** and select **Camera** ➔**Take Photo**.

2. Adjust the image by aiming the camera at the subject.
3. Use the left and Right navigation keys to adjust the image brightness. Use the Up and Down navigation keys to zoom in and out.
4. Press **Menu** to access the camera options. For details, see "Configuring Camera Options" on page 62

---

Note: You can use the keypad to quickly change the camera options.

---

5. Press or to take the photo.
6. If the Default Storage is set to Take and Preview (see "Configuring Camera Options" on page 62), after taking a photo you can press the left soft key to view the following options:
   - **Take another**: allows you to take another picture.
   - **Send**: lets you send the image in a Picture message.

- **Set as**: allows you to set this image as Wallpaper or Picture D.
- **Go to Photos**: displays the folder where the photo is stored (Picture Album folder or Memory card).
- **Delete**: deletes this image.

7. Press to return to Idle mode.

*Configuring Camera Options*

- Before taking a photo, press **Menu** to access the following:
  - **Camera/Camcorder**: allows you to take a picture or record a video.
  - **Shooting Mode**: takes a photo in various modes. Once you change the mode, the corresponding indicator displays at the top left of the display.
    - **Single Shot**: takes a single photo and allows you view it before returning to the shooting mode.
    - **Multi-Shot**: takes a succession of photos.
    - **Mosaic Shot**: takes a series of photos and then groups them together into a single final photo. Use the left and right navigation keys to select a mosaic.
  - **Size**: allows you to set the image size: 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, or 320 x 240, 176x220 or 176x144.
  - **Timer**: allows you to set a time delay before the camera takes the photo. Select the length of delay you want (Off, 3 seconds, 5 seconds or 10 seconds). When you press or , the camera takes the photo after the specified time elapses.
  - **White balance**: allows you to set the colour balance from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
  - **Effects**: allows you to apply special effects to the photo: No Effects, Black & White, Negative, Sepia, Emboss, Sketch, Antique, Moonlight, or Fog.
  - **Information**: displays the current shortcut keys and the functions assigned to them. The default shortcuts are: 1. Mode, 2. Shooting Mode, 3. Timer, and # Viewfinder Mode.
  - **Settings**:
    - **General Settings**: provides controls for Zoom sound, Brightness Sound, and Default Storage location.
    - **Camera Settings**: consist of the following:
      - **Shutter Sound**: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are None, Shutter1, Shutter2, and Shutter3.
      - **Viewfinder Mode**: allows you to set the viewfinder to Full screen, Full screen & Indicator, Full screen & Guideline, or Actual screen.
      - **Scene Program**: allows you to set the camera options to capture normal or night scene (increases sensitivity for low light photos).
      - **Exposure Metering**: allows you to set how the camera evaluates the light source: Normal, Centre-weighted, or Spot.
      - **Single Shot**: selects the sequence followed when a photograph is taken.

***Take and Preview***: allows you to take a photo and preview it before taking another.
***Take and Return***: allows you to take a photo and immediately return to capture mode ready to take another.

## Picture Album

1. From Idle mode, press **Menu** and select **Camera** ➔ **Go to My Photos**.

   When you access this menu, your phone displays the photos in Line view, which shows them as small images.

   Use the Navigation keys to scroll through the photos. You can press **Options** to use the following options:

   - **View:** opens the selected photo.
   - **Send**: allows you to send the selected photo as a Picture message or to a Bluetooth enabled device.
   - **Set as**: allows you to set the photo as a Wallpaper or as a Picture ID.
   - **Delete**: allows you to delete the selected or multiple photos.
   - **Rename**: allows you to rename the photo.
   - **Edit**: displays your image in the image editor. From here you can send the image in a picture message or share with another Bluetooth enabled device; create a new image; apply effects to the image; adjust the brightness, contrast, or colour for the image; transform the image by rotating or lipping it; insert a frame, emoticon, or clip art on top of this image; set this image as wallpaper or a picture ID, enable Bluetooth visibility; or send this image to a Bluetooth enabled printer.
   - **Move to Phone/Memory Card**: allows you to move the selected or multiple images to a different location.
   - **Copy to Phone/Memory Card**: allows you to copy the selected or multiple images to another location.
   - **Slide Show**: allows you to see all of your photos in a slide show presentation. Choose from 1 or 3 seconds intervals.
   - **Bluetooth Visibility**: allows you to enable the Selected or Multiple photos so they are visible to other Bluetooth devices.
   - **Print via Bluetooth**: allows you to send the selected photo to a Bluetooth enabled printer.
   - **Lock/Unlock**: allows you to lock the selected photo to protect it from deletion, or unlock the photo to allow deletion.
   - **Display Mode**: allows you to select the mode in which the photos display. Choices are: Line view or Thumbnail view.
   - **Properties**: shows the properties of the photo, such as the file Name, Date, Format, Resolution, Size, and Loc

2. To view a photo, highlight the description and press . While viewing a photo, you can press **Options** to use the following options:

   - **Send**: allows you to send the selected photo as a Picture message or to a Bluetooth enabled device.
   - **Set as**: allows you to set the photo as a Wallpaper or as a Picture ID.
   - **Delete**: allows you to delete the selected or multiple photos.
   - **Rename**: allows you to rename the photo.

- **Edit**: displays your image in the image editor. From here you can send the image in a picture message or share with another Bluetooth enabled device; create a new image; apply effects to the image; adjust the brightness, contrast, or colour for the image; transform the image by rotating or lipping it; insert a frame, emoticon, or clip art on top of this image; set this image as wallpaper or a picture ID, enable Bluetooth visibility; or send this image to a Bluetooth enabled printer.
- **Move to Phone/Memory Card**: allows you to move the selected or multiple images to a different location.
- **Copy to Phone/Memory Card**: allows you to copy the selected or multiple images to another location.
- **Slide Show**: allows you to see all of your photos in a slide show presentation. Choose from 1 or 3 seconds intervals.
- **Bluetooth Visibility**: allows you to enable the Selected or Multiple photos so they are visible to other Bluetooth devices.
- **Print via Bluetooth**: allows you to send the selected photo to a Bluetooth enabled printer.
- **Lock/Unlock**: allows you to lock the selected photo to protect it from deletion, or unlock the photo to allow deletion.
- **Properties**: shows the properties of the photo, such as the file Name, Date, Format, Resolution, Size, and Lock/Unlock.

### Deleting a Photo

You can delete photos one by one or all at one time.

1. From Idle mode, press **Menu** and select **Camera** ➔ **Go to My photos**.
2. To delete one image, highlight the image, press **Options** and select **Delete** ➔ **Selected**.
3. To delete multiple images, press **Options**, select **Delete** ➔ **Multiple**, highlight each image to be deleted, press to place a check mark beside the image, then press **Delete**.
4. Press **Yes** to confirm the deletion.
5. Press to return to the idle screen.

## Recording a Video

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**Tip:** When shooting video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by putting the light source behind you.

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1. In Idle mode, press **Menu** and select **Camera** ➔ **Record Video**.
2. Press **Menu** to configure the camcorder options. For more information, refer to *"Camcorder Options"* on page 65.
3. Adjust the image by aiming the camera at the subject.

4. Use the left and Right navigation keys to adjust the image brightness. Use the Up and Down navigation keys to zoom in and out.
5. Press or the Camera key to begin recording the video.
6. Press or the **Stop** key to stop the recording and save the video file to My Video Clips.
7. Once the file saves, press to play back your video for review.

### *Camcorder Options*

- Press the **Menu** soft key to access the camcorder options.
  - **Camera/Camcorder**: allows you to take a picture or record a video.
  - **Mode:** allows you to set video size limit to No limit or Limit for Picture Message.
  - **Size**: allows you to set the video size to: 176 x 144, 160 x 120, or 128 x 96. The image size displays on the capture screen.
  - **Timer**: allows you to set a time delay before the video starts to record. Select the length of delay you want (Off, 3 seconds, 5 seconds, 10 seconds) and press **Select** or . When you press , the video begins recording after the specified time has elapsed.
  - **White balance**: allows you to set the colour balance from the following choices: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
  - **Effects**: allows you to change the color tone or apply special effects to the photo. Options include: No effects, Black & White, Negative, Sepia, Emboss, Sketch, Antique, Moonlight, or Fog.
  - **Sound**: turns sound recording On or Off.
  - **Camcorder shortcuts**: displays the camcorder shortcuts assigned to different keys. 1-Mode, 2-Recording Mode, 3-Timer, #-Viewfinder Mode.
  - **General settings**: allows you to turn the zoom sound or brightness sound On or Off, and set the default storage location.

## My Video clips

In this menu, you can view videos you have taken.

1. In Idle mode, press **Menu** and select **Camera** ➔ **Go to My Video Clips**.

   When you access this menu, your phone displays the videos in Line view. Use the Navigation keys to scroll through the list.

2. Highlight a video clip and Press to play the video or press **Options** and choose from the following options:

- **Play**: plays the video.
- **Send via**: sends the video in a Picture message or to a Bluetooth enabled device.
- **Delete**: deletes the Selected or Multiple video files.
- **Rename**: changes the name of the video.
- **Move to Phone/Memory Card**: allows you to move the Selected or Multiple videos to a different location.
- **Copy to Memory Card**: allows you to copy the Selected or Multiple videos to a another location.
- **Bluetooth Visibility**: allows you to enable the Selected video or Multiple videos so they are visible to other Bluetooth devices.
- **Lock/Unlock**: allows you to lock the video to protect it from deletion, or unlock it to allow deletion.
- 7**Properties**: shows the properties of the video, such as the Name, Date, Format, Resolution, Size, Length, Quality, Lock/Unlock, and Forwarding.

# Section 11: Tools

Tools allow you to set alarms, schedule appointments, view the calendar, create a task list, write a note, perform simple math calculations, calculate tips, check world time, perform unit conversions, set a timer, and use a stopwatch.

## Alarm

This feature allows you to:

- Set up to three alarms to ring at specified times.
- Set the phone to switch on automatically and ring the alarm even if the phone is switched off.

The following options are available:

- **Alarm1**: set the time, day, and tone for this alarm.
- **Alarm2**: set the time, day, and tone for this alarm.
- **Alarm3**: set the time, day, and tone for this alarm.
- **Auto Power-up**: alarm rings at the specified time even if the phone is turned off. If the option is set to Off, alarms do not ring when the phone is switched off.

To set an alarm:

1. From Idle mode, press **Menu** and select **Tools** → **Alarm**.
2. Highlight an alarm and press **Select** or .
3. Select the **Alarm** field and press the **Right** Navigation key to turn the alarm on.
4. Highlight the **Alarm Time** field, and enter the time you want this alarm to sound.
5. Highlight AM/PM and press the **Left** or **Right** Navigation key to toggle the setting as required.
6. Highlight the Alarm Day field and press to open the selection menu. Highlight a selection (**Once**, **Everyday**, **Sunday**, **Monday**, **Tuesday**, **Wednesday**, **Thursday**, **Friday**, or **Saturday**) and press to place a check mark beside the selection or remove a check mark. Repeat as necessary to select the required fields then press **OK**.
7. Highlight the **Alarm Tone** field and press to open the list of alarm tones.
8. Select an alarm tone from the list and press to listen to the tone, **Select** to choose this alarm tone.
9. Press **Save** to save the alarm settings.

To stop an alarm from sounding, press any key.

To temporarily stop an alarm from sounding, press **Snooze**.

## Calendar

With the Calendar feature, you can:

- Consult the calendar by month, week, or day.
- Set Schedule, Anniversary, or Miscellaneous events.
- Set an alarm to act as a reminder.
- Check your memory status.

To open the calendar:

- From Idle mode, press **Menu** and select **Tools** ➔ **Calendar**.

The following options are available:

### *Month View*

Month view displays the calendar for the current month. Press **Options** to display the following options:

- **View Mode**: takes you to the Day view for the selected day or Week view for the selected week.
- **Create New**: allows you to create a Schedule, Anniversary, Miscellaneous, or Task event.
- **Go to**: takes you to any calendar date or returns to Today's date.
- **Delete**: allows you to delete the Selected event, events during a specific Period or This month, or All events.

### *Week View*

Week view displays the calendar for the current week. Press **Options** to display the following options:

- **View Mode**: allows you to select Day view or Month view.
- **Create New**: allows you to create an Schedule, Anniversary, Miscellaneous, or Task event.
- **Go to**: displays Today's date or the date you entered.
- **Delete**: allows you to delete the selected event, events during a period of time, events this week, or All events.

### *Day view*

Day view displays the calendar for the current day. Press Options to display the following options:

- Create New: allows you to create a Schedule, Anniversary, Miscellaneous, or Task event.
- View Mode: allows you to select Month view or Week view.

### *Schedule*

This option allows you to view and create Schedule events.

To view the Schedule list:

- From Idle mode, press Menu and select Tools → Calendar → Schedule.
  A list of currently scheduled events is displays.

To add an event to the list:

1. Press Options and select Create New.
2. Enter the event name in the Subject field.
3. Enter the Details, Start date, Start time, AM/PM, End date, End time, AM/PM, and Location. If you want an alarm for this scheduled event, select Alarm and enter all information related to the alarm. You can also select whether the alarm will repeat.
4. Press Save to save this configuration.

### *Anniversary*

This option allows you to record Anniversaries in your calendar. You can also set an alarm to remind you of important anniversaries.

To view the Anniversary list:

- From Idle mode, press Menu and select Tools → Calendar → Anniversary.

To add an event to the list:

1. Press Options and select Create New.
2. Enter the anniversary title in the Occasion field.
3. Enter the Date and Alarm information for this event.

4. If you want the event to repeat each year, highlight **Repeat every year** and press .
5. Press **Save** to save this configuration.

### *Miscellaneous*

This option allows you to record miscellaneous dates or events in your calendar.

To view the Miscellaneous list:

- From Idle mode, press **Menu** and select **Tools** → **Calendar** → **Miscellaneous**.

To add an event to the list:

1. Press **Options** and select **Create New**.
2. Enter the Miscellaneous event name in the Subject field.
3. Continue to enter other information in these fields: Details, Start Date, Start Time, AM/PM, End Date, End Time, AM/PM, Alarm (Before, Alarm Tone).
4. Press **Save** to save this configuration.

### *Missed alarm events*

You can view all events with an alarm time that has passed.

1. From Idle mode, press **Menu** and select **Tools** → **Calendar** → **Missed Alarm Event**.
2. Highlight an event and press to view event information.
   The missed alarm event information displays.
3. To remove an event, highlight it and press **Confirm** or . The event is removed from the **Missed Alarm Event** menu.

### *Memory status*

This menu item shows the number of calendar events that are stored on the handset as well as the total number of available events. Example: 2/400 means that currently there are two alarm events scheduled out of a possible 400.

## Tasks

This feature allows you to enter a list of tasks.

To view the Tasks list:

- From Idle mode, press **Menu** and select **Tools** ➔ **Tasks**.

To add a task to the list:

1. If there are no tasks in the list, press **OK** to create a new Task. If one or more tasks have already been created, press **Options** and select **Create new task**
2. Enter a name for this task in the **Task** field.
3. Enter the Start date and Due date, select a Priority level and, if required, set an Alarm and enter all the information related to the alarm.
4. Press **Save** to save this configuration.

## Notes

This feature allows you to save notes for later viewing.

To view the Notes list:

- From Idle mode, press **Menu** and select **Tools** ➔ **Notes**.

To view a note:

- Press **View**.

To add a note to the list:

1. If there are no tasks in the list, press **OK** to create a new Task. If one or more tasks have already been created, press **Options** and select **Create**.
2. Enter the note.
3. Press .

While viewing the list, press **Options** to access the following options:

• **View**: opens the highlighted note.

• **Create**: lets you create and save a new note.

• **Send via**: lets you send the note to someone in a Message or via Bluetooth.

- **Delete**: allows you to delete the Selected note or Multiple notes.
- **Memory Status**: shows the number of notes saved to the phone (maximum 100).

## Calculator

With this feature, you can use the phone as a calculator. The calculator provides basic arithmetic functions (addition, subtraction, multiplication and division) and various mathematical functions (^, ln, √, exp, X!, sin, cos, tan).

1. From Idle mode, press **Menu** and select **Tools** ➔ **Calculator**.
2. Enter numbers and functions as required.
   - Enter numbers using the numeric keys.
   - Press * to insert a decimal point.
   - Press # to create brackets.
   - Use the Navigation keys to enter arithmetic functions according to the illustration on the display.
   - To enter a mathematical function, press **Options**, highlight a function on the list and press **Select** or .
3. Press to view the result.

## Tip Calculator

This feature calculates the percentage amount for tip.

1. From Idle mode, press **Menu** and select **Tools** ➔ **Tip Calculator**.
2. In the **Bill** field, enter the amount of the bill.

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Tip: Press * to enter a decimal point.

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3. If you want to change the tip percentage, highlight **Tip** (%) and enter a new number in the box.
4. If you are splitting the bill between multiple people, highlight # **Paying** and enter the number of people contributing in the box.
5. The total tip is displayed in the **Tip** ($) field and the total to be paid by each person in the **You pay** field.

## World Time

This feature displays the current time in your home time zone and any other time zone around the world.

1. From Idle mode, press **Menu** and select **Tools** ➔ **World Time**. Your home time zone is indicated on the map by a home icon and vertical bar. The current time and date for your home location are indicated above the map.
2. Press the **Left** or **Right** Navigation key until the second vertical bar is on the map in the desired GMT time zone. The current time in that zone and a list of cities within that zone are displayed below the map.
3. To adjust the reading for Daylight Saving time, press **Set DST**.
4. Press **Back** to exit the screen.

## Unit Conversion

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight
- Volume
- Area
- Temperature

To perform a conversion:

1. From Idle mode, press **Menu** and select **Tools** ➔ **Unit Conversion**.
2. Highlight the type of conversion and press **Select** or .
3. Use the Left and Right Navigation keys to select the initial unit of measure.
4. Press the Down navigation key and enter the quantity to be converted.

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Tip: Press the * key to include a decimal point.

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5. Press the Down navigation key and use the Left and Right Navigation keys to select the second unit of measure.
6. The converted quantity is displayed below the second unit of measure.
7. Press **Back** to return to the **Unit Conversion** menu.

## Timer

You can use this function to count down a time. To use the Timer:

1. From Idle mode, press **Menu** and select **Tools** ➔ **Timer**.
2. Press **Set** and enter the length of time as HH:MM (hours:minutes) and press **OK**.
3. Press ● to start the timer. Press ● again to pause the timer.

   An alarm sounds and/or the phone vibrates when the count reaches zero. Press **OK** or ● to stop the alarm.
4. To time another event, press **Reset** and enter a new time.
5. Press ⏻ when you are finished.

## Stopwatch

This feature allows you to use a stopwatch to time events.

1. From Idle mode, press **Menu** and select **Tools** ➔ **Stopwatch**.
2. Press ● to start the stopwatch.
3. To record a lap time, press ●.
4. To stop the stopwatch, press **Stop**.
5. To time another event, press **Reset** to erase all recorded times then press ●.

# Section 12: Changing Your Settings

This section explains the various settings for your phone, including sound, display, time and date, phone, call, connectivity and application settings.

## Sound Settings

You can customize various sound settings.

### *Incoming Call*

#### Call Ringtone

This menu allows you to select a ring melody. Highlight **Call Ringtone** and press . Use the **Up** and **Down** navigation keys to highlight a ring tone, the **Left** or **Right** keys to choose from **Default Ringtones**, **Voice List**, or **Downloaded Ringtones**. Press **Play** to listen to the file, **Select** to confirm a selection.

#### Ringtone Volume

This menu allows you to adjust the ring volume to one of 7 levels, **Silent Mode** or **Vibration Mode**.

- Use the **Right** or **Left** navigation key to increase or decrease the volume.

#### Call Alert Type

This menu allows you to specify how the phone informs you of incoming calls. Use the **Right** or **Left** key to select an Alert type.

The following options are available:

- **Melody**: the phone rings using the ring melody selected in the **Ringtone** menu.
- **Vibration**: the phone vibrates but does not ring.
- **Melody and Vibration**: the phone rings and vibrates simultaneously.
- **Vibration then Melody**: the phone vibrates and then starts ringing.
- **Melody then Vibration**: the phone rings using the ring melody selected in the **Ringtone** menu and then vibrates.

### *Message Tone*

This menu allows you to configure the ringer for incoming messages. Make changes as required then press **Save** to save the changes.

### Message Alert Type

This menu allows you to specify how the phone informs you of incoming messages. Use the **Right** or **Left** key to select an Alert type.

The following options are available:

– **Off:**
– **Melody**: the phone rings using the ring melody selected in the **Messages Tone** menu.
– **Vibration**: the phone vibrates but does not ring.
– **Vibration then Melody**: the phone vibrates and then starts ringing.

### Messages Tone

This menu allows you to select a message alert melody. Highlight **Messages Tone** and press . Use the **Up** and **Down** navigation keys to highlight a tone. Press **Play** to listen to the file, **Select** to confirm a selection.

### Messages Alert Repetition

This menu selects whether the message alert repeats. The options are: Once, Every 1 min, Every 2 mins.

### *Keypad Tone*

This menu allows you to select the tone sounded when keys are pressed (Lucid, Beep, or Voice) and the Volume level (0-7). Use the **Up** or **Down** Navigation keys to highlight a selection. Press **Play** to listen to the file, **Select** to confirm a selection, **Save** to save the change.

### *Power-On/Off Tone*

This menu allows you to select whether the phone plays a melody when it is switched on and off.

- To turn the sound on, use the **Up** and **Down** navigation keys to highlight Tone 1. Press **Play** to listen to the file, **Save** to confirm the selection.
- To turn off the sound, use the **Up** and **Down** navigation keys to highlight **Off** and press **Save**.

### *Slide Tone*

This menu allows you to choose the sound played when sliding the phone open or closed (Off, Tone 1, Tone 2, Tone 3 or Tone 4). Use the **Up** and **Down** navigation keys to highlight a selection. Press **Play** to listen to a file, **Save** to confirm your selection.

## Display Settings

In this menu, you can change various settings for the display.

### *Wallpaper*

This menu allows you to change the background image displayed in Idle mode.

The following options are available:

- Get New Graphics: allows you to download additional wallpapers using the browser.
- Default Wallpapers: allows you to choose from a list of wallpapers included with your phone.
- Picture Album: allows you to choose a photo from your Picture Album.
- Downloaded Graphics: allows you to choose a photo from your Downloaded Graphics folder.

To change the background image:

1. Scroll through the list by pressing the Navigation keys.
2. Make a selection and press Save or . Your wallpaper updates.

### *Idle Screen*

This option allows you choose whether or not to display the Calendar on the idle screen.

### *Light Settings*

#### Brightness

You can adjust the display brightness to see it better in different lighting conditions.

- Press the Left or Right Navigation keys to highlight one of the five levels and press Save.

#### Backlight Time

A backlight illuminates the internal display and the keypad. When you press any key, the backlight comes on. It dims and then turns off when no keys are pressed for time periods selected in this menu.

The On setting is how long the screen backlight remains on at full brightness when no keys are pressed. The Dim option is how much longer the screen backlight remains lit after it dims.

1. From Idle mode, press Menu and select Settings → Display Settings → Light Settings → Backlight Time.
2. Highlight the On option. Use the Left or Right Navigation key to select the time the backlight should remain on. (10 sec, 15 sec, 30 sec, 1 min, 3 min, or 10 min).
3. Press the Down key to access the Dim option. Use the Left or Right Navigation key to select the time the screen remains on when dimmed.(Off, 5 sec, 15 sec, 30 sec, 1 min, or 3 min).
4. Press Save to retain the settings.

### *Dialing Display*

This menu allows you to select the size and color of your dialing font and the background color.

To change the size of the font:

1. Highlight the **Font Size** option and press **Select** or .
2. Use the **Left** or **Right** key to select between: **Large**, **Medium**, or **Small**.
3. Press **Save** or to save your new setting.

To change the color of the font:

1. Highlight the **Font Colour** option and press **Select** or .
2. Use the **Left** or **Right** key to select either **Basic** (black), **Monochrome**, or **Gradation**. If you select **Monochrome** or **Gradation** you can select another option by using the **Down** Navigation key and then scrolling through the available choices. Choose from up to 15 different options.
3. Press **Save** or to save your new settings.

To change the background color:

1. Highlight the **Background Colour** option and press **Select** or .
2. Use the **Left** or **Right** key to select between the various colours or None (black background).
3. Press **Save** or to save your change.

### *Greeting Message*

This menu lets you customize the greeting message that displays while the phone is powering on.

1. Press C to delete the current text and enter a new greeting message using the keypad.
2. Press to save the message.

## Time and Date

This menu allows you to change the time and date displayed.

- From Idle mode, press Menu and select Settings ➔ Time and Date.

The following options are available:

- Time Zone Updating:
  - Automatic: the phone automatically updates the time and date according to the current time zone using information from your service provider's network.
  - Manual Only: you manually set the time and date according to the current time zone.

The following options are available when Time zone updating is set to Manual only:

- Time Zone: allows you to select a time zone and whether Daylight saving time is supported.
- Time: allows you to change the hour and minute.
- AM/PM: press the left or right navigation key to toggle AM/PM.
- Time Format: allows you to select whether your time displays in 12 hours or 24 hours format.
- Date: allows you to enter the month, day, and year.
- Date Format: allows you to select MM/DD/YYYY, DD/MM/YYYY, or YYYY/MM/DD format.
- Week Start Day: selects whether the first day of the week is Sunday or Monday.

To change your time and date settings:

1. Use the Up or Down Navigation key to select the option you wish to change.
2. To set Time or Date, use the Left or Right navigation key to position the cursor over the number you wish to change and enter the desired number.
3. To change other options, use the Left or Right key to select the desired setting.
4. When you are finished changing your settings, press Save to save your settings. Otherwise press Cancel.

---

Note: Automatic updates of time and date do not change the time you have set for alarm settings or calendar memos.

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## Phone Settings

You can customize various phone settings.

- From Idle mode, press Menu and select Settings ➔ Phone Settings.

### *Language*

This menu allows you to select a display language for screen text and text input. Choose from Automatic (controlled by the SIM card), English or Français (French).

### *Shortcuts*

This menu displays the shortcuts assigned to the navigation keys and lets you reassign the keys.

To change a shortcut:

1. Highlight the key you want to change, press Options and select Change.
2. Use the up and down navigation keys to highlight the function to be assigned to the key.
3. Press Save or to save your change.

### *Security*

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

#### Lock Phone

When the Lock phone feature is enabled, the phone locks and you must enter the 4 to 8-digit phone password each time the phone is switched on.

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Note: To change the phone password, see “Change Phone Password” on page 82

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Once the correct password is entered, you can use the phone until you switch it off.

The following options are available:

– Off: you are not asked to enter the phone password when you switch on the phone.
– On: you are required to enter the phone password when you switch on the phone.

### Lock SIM Card

When the Lock SIM Card feature is enabled, your phone only works with the current SIM. You must enter and confirm the SIM password to unlock the SIM so you can use a different SIM card.

---

Note: The SIM password is typically the last four digits of the current phone number. You can obtain a SIM password from a customer service representative.

---

### Check PIN Code

When the Check PIN code feature is enabled, you must enter your PIN each time you switch on the phone. Consequently, any person who does not have your PIN cannot use your phone without your approval.

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Note: Before enabling or disabling the PIN Check feature, you must enter your PIN.

---

The following options are available:

- **Off**: the phone connects directly to the network when you switch it on.
- **On**: you must enter the PIN each time the phone is switched on.

### Lock Applications

Using this menu, you can lock applications that provide access to information such as Messages, Call History, Media (Music, Sound, Image, Videos, Other files), Calendar and To Do, Note, and Contacts. Once you have locked the contents, you must enter the phone's password to access the associated menus.

1. Highlight an application to lock using the **Up** or **Down** Navigation key and press to place a check mark beside the application. Repeat as required.

   – or –

   To lock all applications, highlight **All Applications**.

---

Note: to remove a check mark, highlight the item and press .

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2. Press **Save** to lock the selected applications.
3. Enter your password and press **OK** or

Note: To change the password, see “Change Phone Password” on page 82

### Set FDN Mode

FDN (Fixed Dial Number) mode, if supported by your SIM card, allows you to restrict your outgoing calls to a limited set of phone numbers.

The following options are available:

- Off: you can call any number.
- On: you can only call phone numbers stored in Phonebook. You must enter your PIN2. You can obtain your PIN2 from a customer service representative.

### Change Phone Password

This feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one.

Note: The current password is the password you created on initial use of a password feature.

Once you enter a new password, you are asked to confirm it by entering it again.

Note: If you change your password, be sure to write it down and keep it in a safe place. If you forget your password, your phone will require service to have it unlocked.

### Change PIN Code

This feature allows you to change your current PIN, provided that the PIN check feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you must confirm it by entering it again.

### Change PIN2 Code

The Change PIN2 feature allows you to change your current PIN2 to a new one. You must first enter the current PIN2 (obtained from a customer service representative) before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

### *Airplane Mode*

**Airplane Mode** allows you to use only phone features that do not require sending or receiving wireless signals, such as games, voice recorder, calendar, etc. This is useful when you are in an airplane or in any other area where making or receiving calls or transferring data is prohibited. When your phone is in Airplane Mode, it cannot send or receive any calls or access online information.

The following options are available:

– **Off**: you can make calls, receive calls and transfer data.

– **On**: you can only use phone functions that do not send or receive wireless signals.

### *HAC Mode*

This menu is used to activate or deactivate the Hearing Aid Compatibility feature.

## Call Settings

- From Idle mode, press **Menu** and select **Settings** ➔ **Call Settings**.

  The following options display:

### *General*

#### Show my Number

In the Show my number menu you can select how your ID is handled when an outgoing call is initiated. Options include:

• **Set by Network**: uses the default network information to identify you to the other party.

• **Hide number**: hides your identifying information to the other recipient.

• **Show number**: displays your identifying information to the other recipient.

#### Call Answer

This setting determines how incoming calls can be answered. Selections are: Send Key, Open Slide and Any Key.

#### Call Status Tones

This setting allows you to activate call status tones. Options include:

• **Minute Minder**: sounds an alert tone every minute while the call is active.

• **Call Connect Tone**: sounds an alert tone every time a call is connected.

### Alerts on Call

This setting activates an alert tone for new messages being received during an active call. Highlight a selection and press **Save**.

## *Voice Call*

### Call Forwarding

This network service enables re-routing of incoming calls to a secondary number that you specify.

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Example: You may wish to forward your business calls to a colleague while you are on holiday.

---

To activate call forwarding:

1. From Idle mode, press **Menu** and select **Settings** → **Call Settings** → **Call Forwarding**.
2. Select a call forwarding option. The following options are available:
   - **Always**: all calls are forwarded until this feature is cancelled.
   - **Busy**: calls are forwarded when you are already on another call.
   - **If no reply**: calls are forwarded when you do not answer the phone.
   - **Unreachable**: calls are forwarded when you are not within range or when your phone is switched off.
   - **Cancel all**: all call forwarding options are canceled.
3. Press **Select** or . The current status for voice calls and data calls is displayed.
4. Highlight **Voice calls** or **Data calls** and then press **Select** or .
5. Use the **Left** or **Right** Navigation key to Activate call forwarding.
   The **Forward to** field activates.
6. Enter the number to which calls are to be forwarded in the **Forward to** text box and press **Select** or .

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Tip: To enter an international code, press and hold 0 + until the + sign displays.

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### Call Barring (SIM Card Dependent)

Call Barring allows you to restrict specific types of incoming and outgoing calls on your phone. This is useful if you allow someone to use your phone for a short period of time.

To set call barring options:

1. From Idle mode, press Menu and select Settings ➔ Call Settings ➔ Call Barring.
2. Choose a call barring option. The following options are available:
   - All Outgoing Calls: all outgoing calls are barred until this feature is cancelled.
   - Outgoing International Calls: outgoing international calls are barred until this feature is cancelled.
   - International Calls except for home: all international calls except calls home are barred until this feature is cancelled.
   - All Incoming Calls: calls cannot be received on the phone until this feature is cancelled.
   - Incoming when roaming: calls cannot be received on the phone while roaming until this feature is cancelled.
3. Press Select or . The current status for voice calls and data calls is displayed.
4. Highlight Voice Calls or Data Calls and press Select or .

   The screen displays the current status.
5. Use the left and right navigation keys to highlight Deactivate or Activate and press Select or .

   Call barring is activated or deactivated for that type of call.

### Call Waiting

This network service informs you when someone is trying to reach you during another call.

You can specify individual call waiting options for voice calls and/or data calls.

To set your call waiting options:

1. From Idle mode, press Menu and select Settings ➔ Call Settings ➔ Call Waiting.
2. Highlight Voice Calls or Data Calls and press Select or .

   The screen displays the current status.
3. Highlight Deactivate or Activate and press Select or .

   Call waiting is either activated or deactivated for that type of call.

To deactivate call waiting for both voice and data calls:

1. From Idle mode, press Menu and select Settings ➔ Call Settings ➔ Call Waiting.

2. Highlight **Cancel all** and press **Select** or .

### *Auto Redial*

In this menu, you choose whether to automatically redial the last number if the call was cut off or you were unable to connect.

1. From Idle mode, press **Menu** and select **Settings** ➔ **Call Settings** ➔ **Auto Redial**.
2. Highlight Off or On and press or **Save** to save your new selection.

## Connectivity

### *Bluetooth*

#### About Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them, even if they are located in different rooms.

The following Bluetooth options are available:

#### Activation

This option allows you to turn Bluetooth **On** or **Off**. Make a selection and press **Select** or .

#### My Devices

This option displays a list of available Bluetooth devices. To search for new Bluetooth devices, highlight **Search New Device** and press **Select** or .

#### My phone's Visibility

When Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This can be useful if you are attempting to connect additional Bluetooth devices, however allowing your phone to promote its visibility can pose a security risk and incite unauthorized connection. This feature should be paired with a Bluetooth security option.

1. From Idle mode, press **Menu** and select **Settings** ➔ **Connectivity** ➔ **Bluetooth** ➔ **My Phone's Visibility**.
2. Highlight **On** or **Off** and press **Select** or .

### My Phone's Name

When your phone's Bluetooth visibility is turned On, it identifies itself using the name entered into this text field. This feature should be paired with a Bluetooth security option.

To change your phone's name:

1. From Idle mode, press Menu and select Settings ➔ Bluetooth ➔ My Phone's Name.
2. Press C to erase the previous name.
3. Use the phone's keypad to enter a new name.
4. Press OK to save the new name.

### Secure Mode

When Bluetooth Visibility is turned on, your phone is wirelessly transmitting its phone name and status. This transmission can pose a security risk and incite unauthorized connection to your phone. It is recommended that you activate your phone's Bluetooth security.

1. From Idle mode, press Menu and select Settings ➔ Bluetooth ➔ Secure Mode.
2. Highlight On or Off and press Select or OK.

### Bluetooth Services

The Bluetooth specification is a protocol that describes how the short-range wireless technology works, whereas individual profiles describe the services supported by individual devices. Profiles reduce the chance that different devices will not work together.

The following Service profiles are available:

- Headset: The remote Bluetooth headset enables both outgoing and incoming calls.
- Handsfree: The remote Bluetooth car kit enables both outgoing and incoming calls.
- Bluetooth Stereo Headset: used to make calls and listen to music via Bluetooth stereo headsets.
- File Transfer: used to transfer files to and from Bluetooth devices.
- Object Push: used to exchange personal data (namecards, contacts, etc.) with Bluetooth devices.
- Basic Printing: used to print images, text messages, personal data such as namecards and appointments, etc. via remote Bluetooth printers.
- Dial-up Networking: used to provide Internet access using the phone's modem.
- Serial Port: used to connect to other Bluetooth devices via a virtual serial port.

### *USB Mode*

This menu selects the method of communication for the USB port.

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Note: The Bluetooth feature must be disabled before initiating a USB connection with the phone. Prior to connecting the USB cable to the phone, install the latest version of the PC Studio application. This application installs the necessary USB drivers onto your machine.

---

1. From Idle mode, press **Menu** and select **Settings** ➔ **Connectivity** ➔ **USB Mode**.
2. Select one of the following USB modes:
   - **Ask on Connection:** when you connect the phone to a PC, a selection box appears that allows selection of the USB connection mode.
   - **PC Studio**: uses optional Samsung PC Studio software to communicate with the phone.
   - **Mass Storage**: allows you to use the onboard storage capacity of the phone to store and upload files. This option allows your computer to detect the phone as a removable storage drive.

### *Network Selection*

The Network Selection feature enables you to automatically or manually select the network used when roaming outside of your home area.

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Note: You can select a network other than your home network only if there is a valid roaming agreement between the two.

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To change the Network Selection mode:

1. From Idle mode, press **Menu** and select **Settings** ➔ **Connectivity** ➔ **Network Selection**.
2. Highlight one of the following options and press **Select** or .
   - **Automatic**: you are connected to the first available network when roaming.
   - **Manual**: the phone displays a list of available networks. Press the Up or Down Navigation key until the network you want highlights and then press Select or . The phone scans the selected network and attempts to connect. If a connection is available, you are connected.

### *Network Profiles*

This menu can be used to customize the profiles containing the settings for connecting your phone to the network. These settings should only be changed when you are advised to do so by a customer service representative.

1. From Idle mode, press **Menu** and select **Settings** ➔ **Connectivity** ➔ **Network Profiles**.

2. Highlight one of the following options and press Select or .
   - GoRogers
   - RogersMedia
   - RogersInternet
3. Edit the network parameters as required then press or press Options and select Save.

## Applications Settings

The Applications Settings feature allows you to configure the default functional parameters for most of the onboard applications.

1. From Idle mode, press Menu and select Settings ➔ Applications Settings.
2. Select the type of application that you want to change:
   - Message Settings (see “Messages Settings” on page 58).
   - Browser Settings (see below).
   - Camera Settings (see see “Camera Settings” on page 90).
   - Camcorder Settings (see “Camcorder settings” on page 90).
   - Player Settings (see “Player Settings” on page 91).
   - Record Audio Settings (see “Record Audio Settings” on page 91).
   - Calendar Settings (see “Calendar settings” on page 91).
   - Contacts Settings (see “Contacts Settings” on page 91).

### *Browser Settings*

These settings should only be changed when you are advised to do so by a customer service representative. The following settings are available:

- Current Profile: allows you to select a browser profile.
- Profile Settings: allows you to change the settings for each profile. You should only change these settings when directed to do so by a customer service representative.

### *Camera Settings*

The following camera settings are available:

- Photo Settings:
    - Size: allows you to set the image size: 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, or 320 x 240, 176x220 or 176x144.
    - Viewfinder Mode: allows you to set the viewfinder to Full screen view, Full screen view and indicator, Full screen view and guidelines, or Standard ratio view.
    - Scene Program: allows you to set the camera options to capture normal or night-time landscape (increases sensitivity for low light photos).
    - Exposure Metering: allows you to set how the camera evaluates the light source: Normal, Centre-weighted, or Spot.
    - White balance: allows you to set the colour balance: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- Preferences:
    - Shutter Sound: allows you to select a tone to play when the camera's shutter opens and closes. Sound selections are None, Shutter1, Shutter2, and Shutter3.
    - Zoom sound: allows you to select whether sound is played when the camera's lens zooms (On or Off).
    - Brightness Sound: allows you to select whether sound is played when changing the brightness adjustment (On or Off).
    - Shooting Mode: Take and Preview (preview the photo taken) or or Take and Return (save the photo and immediately return to the camera to take another photo).
    - Default Storage: Selects whether the default location for storing images is Phone or Memory card.
    - Default Name: Lets you change the default name for image files (factory default is "Photo").

### *Camcorder settings*

The following camcorder settings are available:

- Recording Mode: allows you to set video size limit to No Limit or Limit for Picture Message.
- Size: allows you to set the video size to: 176 x 144, 160x120 (only available when Recording Mode is set to No Limit) or 128 x 96. The image size displays on the capture screen.
- Quality: lets you set the video quality to: Fine, Normal, or Economy.
- Viewfinder Mode: allows you to set the viewfinder to Full screen view, Full screen view and indicator, or Standard ratio view.
- Audio Record: turns sound recording On or Off.
- White balance: allows you to set the colour balance: Auto, Daylight, Incandescent, Fluorescent, or Cloudy.
- Scene Program: allows you to set the camcorder options to capture normal or night-time landscape (increases sensitivity for low light photos).

- **Shutter Sound**: allows you to select whether sound is played when video recording starts and stops (On or Off).
- **Zoom sound**: allows you to select whether sound is played when the camera's lens zooms (On or Off).
- **Brightness Sound**: allows you to select whether sound is played when changing the brightness adjustment (On or Off).
- **Default Storage**: Selects whether the default location for storing videos is Phone or Memory card.
- **Default Name**: Lets you change the default name for video files (factory default is "Video").

### *Player Settings*

The following music player settings are available:

- **Volume**: sets the default volume level (0 to 14).

### *Record Audio Settings*

The following voice recorder settings are available:

- **Recording Time**: sets the maximum recording time (1 hour or Limit for Picture Message).
- **Volume**: sets the default volume level (1 to 7).
- **Default Name**: Lets you change the default name for recorded audio files (factory default is "Voice").

### *Calendar settings*

The following calendar settings are available:

- **Starting Day**: allows you to set whether calendar week starts on Monday or Sunday.
- **Default View by**: selects the default view for the calendar: Month, Week or Day.

### *Contacts Settings*

The following contacts settings are available:

- **Save New Contacts to**: sets the default storage location for new contacts: Phone, SIM card, or Ask on saving.
- **Own Number**: displays the current telephone number(s) for the phone.

## Reset Settings

### *Reset Settings*

From this menu you can reset your phone and sound settings to the default settings.

1. From Idle mode, press **Menu** and select **Settings** ➔ **Reset Settings** ➔ **Reset Settings**.
2. Highlight one of the following options and press **Reset** or .
   - **All**: all settings are returned to default values.
   - **Phone Settings**: only phone settings are returned to default values.
   - **Display Settings**: only display settings are returned to default values.
   - **Sound Settings**: only sound settings are returned to default values.
   - **Bluetooth Settings**: only Bluetooth settings are returned to default values.
   - **Call Settings**: only call settings are returned to default values.

### *Master reset*

From this menu you can clear all data stored on the phone and reset your phone and sound settings to the factory default settings.

1. From Idle mode, press **Menu** and select **Settings** ➔ **Reset Settings** ➔ **Master Reset**.
2. Highlight one of the following options and press **Select** or .
   - **Clear User Data**: clears any user entered data from the phone.
   - **Restore Settings**: restores the factory data settings.
   - **Restore and Clear**: restores the factory data settings and clears user entered data from the phone.

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**Caution!**: Data is permanently erased and cannot be recovered.

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## Phone Status

Displays phone information such as My Number, Manufacturer, Model, Firmware Version and Language

## Getting the Most Out of Your Reception

### *Keeping Tabs on Signal Strength*

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal. If you're inside a building, being near a window may give you better reception.

### *Understanding the Power Save Feature*

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key. Anytime the Power Save feature is activated, No Service and an Antenna icon display on the screen. When a signal is found, your phone returns to standby mode.

### *Understanding How Your Phone Operates*

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

### *Knowing Radio Frequency Safety*

The design of your phone complies with updated NCRP standards described below. In 1991-92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

### *Maintaining Your Phone's Peak Performance*

There are several simple guidelines for operating your phone properly and maintaining safe, satisfactory service.

- Speak directly into the mouthpiece.

- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it's inoperable, return it to a dealer store or call Customer Support for service.

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Note: For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

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## Maintaining Safe Use of and Access to Your Phone

Failure to follow the instructions outlined may lead to serious personal injury and possible property damage.

### *Using Your Phone While Driving*

Talking on your phone while driving (or operating the phone without a hands-free device) is prohibited in some jurisdictions. Laws vary as to specific restrictions. Remember that safety always comes first.

When using your phone in the car:

- Get to know your phone and its features, such as speed dial and re-dial.
- When available, use a hands-free device.
- Position your phone within easy reach.
- Let the person you are speaking to know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.
- Do not take notes or look up phone numbers while driving.
- Dial sensibly and assess the traffic; if possible, place calls when stationary or before pulling into traffic.
- Do not engage in stressful or emotional conversations that may divert your attention from the road.
- Dial 911 to report serious emergencies.  t's free from your wireless phone.
- Use your phone to help others in emergencies.
- Call roadside assistance or a special non-emergency wireless number when necessary.

### *Following Safety Guidelines*

To operate your phone safely and efficiently, always follow any special regulations in a given area. Turn your phone off in areas where use is forbidden or when it may cause interference or danger.

### *Using Your Phone Near Other Electronic Devices*

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless phones may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems and/or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

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Note: Always turn off the phone in health care facilities and request permission before using the phone near medical equipment.

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### *Turning Off Your Phone Before Flying*

Turn off your phone before boarding any aircraft. To prevent possible interference with aircraft systems, the U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent any risk of interference, FCC regulations prohibit using your phone while the plane is in the air.

### *Turning Off Your Phone in Dangerous Areas*

To avoid interfering with blasting operations, turn off your phone when in a blasting area or in other areas with signs indicating that two-way radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn off your phone when you are in an area with a potentially explosive atmosphere. Although it is rare, your phone or its accessories could generate sparks. Sparks could cause an explosion or a fire resulting in bodily injury or even death. These areas are often, but not always, clearly marked. These areas include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

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Note: Never transport or store flammable gas, liquid or explosives in the compartment of your vehicle that contains your phone or accessories.

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### *Restricting Children's Access to your Phone*

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone, dial 911 by mistake or make calls that increase your phone bill.

### *Warning Regarding Display*

The display on your handset is made of glass or acrylic and could break if your handset is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

## UL Certified Travel Adapter

The Travel Adapter for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

## Caring for the Battery

### *Protecting Your Battery*

The guidelines listed below help you get the most out of your battery's performance.

- Use only Samsung approved batteries and desktop chargers. These chargers are designed to maximize battery life. Using other batteries or chargers voids your warranty and may cause damage.
- In order to avoid damage, charge the battery only in temperatures that range from 32º F to 113º F (0º C to 45º C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.

- It's best to replace the battery when it no longer provides acceptable performance. When used correctly, the battery can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time.  t's best to follow these storage rules:
  - Less than one month:
  - -4º F to 140º F (-20º C to 60º C)
  - More than one month:
  - -4º F to 113º F (-20º C to 45º C)

### *Disposal of Lithium Ion (LiIon) Batteries*

For safe disposal options of your LiIon batteries, contact your nearest service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

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Note: For safety, do not handle a damaged or leaking LiIon battery.

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## Acknowledging Special Precautions and Industry Canada Notice

### *Cautions*

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

## Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient / relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

## Specific Absorption Rates (SAR) for Wireless Phones

The SAR is a value that corresponds to the relative amount of RF energy absorbed in the head of a user of a wireless handset.

The SAR value of a phone is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the phone emits. All phone models are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a phone can be substantially less than the level reported to the FCC. This is because of a variety of factors including its proximity to a base station antenna, phone design and other factors. What is important to remember is that each phone meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All phones must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model phones do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR values of the T249R are:

GSM 850

- Head: 0.51 W/Kg.
- Body-worn: 0.63 W/Kg.

GSM 1900

- Head: 0.27 W/Kg.
- Body-worn: 0.40 W/Kg.

## Owner's Record

The model number, regulatory number and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SGH-T249R

Serial No.:

## Standard Limited Warranty

**What is Covered and For How Long?"**

SAMSUNG Electronics Canada Inc. ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

| | |
|---|---|
| Phone | 1 Year |
| Batteries | 1 Year |
| Leather Case | 90 Days |
| Holster | 90 Days |
| Other Phone Accessories | 1 Year |

**What is Not Covered?** This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product; or (g) Product used or purchased outside Canada.

This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if: (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

**What are SAMSUNG's Obligations?** During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-800-Samsung. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/ replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/ replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

**What Are the Limits On SAMSUNG's Liability?** EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

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